BT LAB
Bioassay Technology Laboratory
Optimize Your Research

FAS-L Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15532
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FAS ligand. AA range:101-150
Mol wt	31485
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Tumor necrosis factor ligand superfamily member 6
Synonyms	Tumor necrosis factor ligand superfamily member 6; FASLG; APT1LG1; CD95L; FASL; TNFSF6; Tumor necrosis factor ligand superfamily member 6; Apoptosis antigen ligand; APTL; CD95 ligand; CD95-L; Fas antigen ligand; Fas ligand; FasL; CD antigen CD178

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

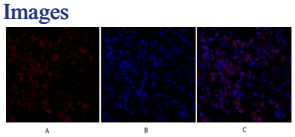
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

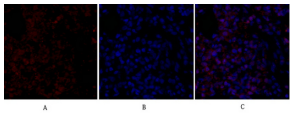
ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunofluorescence analysis of rat-lung tissue. 1,FAS-L Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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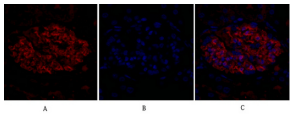

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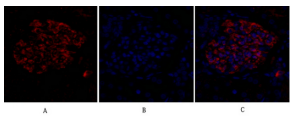

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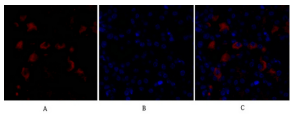
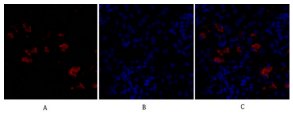


Immunofluorescence analysis of mouse-kidney tissue. 1,FAS-L Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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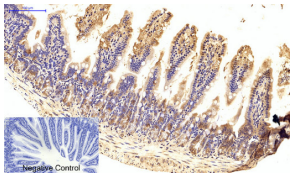
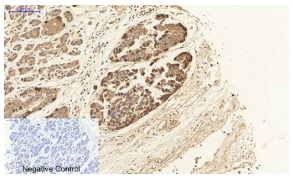
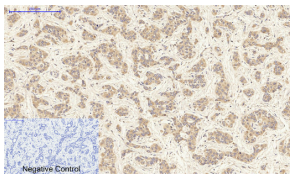


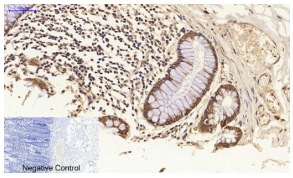
Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1,ERK 1/2 (phospho Thr202) Polyclonal Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



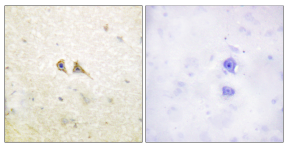
Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1,FAS-L Polyclonal Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



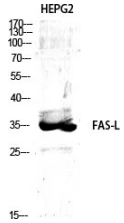
Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,FAS-L Polyclonal Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



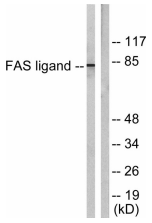
Immunohistochemical analysis of paraffin-embedded Mouse-colon tissue. 1,FAS-L Polyclonal Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



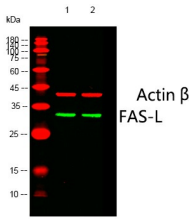
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using FAS ligand Antibody. The picture on the right is blocked with the synthesized peptide.



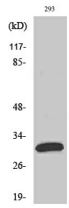
Western blot analysis of lysates from 1)HepG2, 2)293 cells, (Green) primary antibody was diluted at 1:1000, 4°C overnight, Dylight 800 secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) Actin β Monoclonal Antibody(5G3) was diluted at 1:5000 as loading control, 4°C overnight,Dylight 680 secondary antibody was diluted at 1:10000, 37°C 1hour.



Western Blot analysis of various cells using FAS-L Polyclonal Antibody diluted at 1:1000



Western Blot analysis of 293 cells using FAS-L Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from 293 cells, using FAS ligand Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for 1 year

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