BT LAB
Bioassay Technology Laboratory

Optimize Your Research

TNF-R2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09101
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TNF Receptor II. AA range:376-425
Mol wt	48291
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	TNF-R2 Antibody
Synonyms	TNFRSF1B; TNFBR; TNFR2; Tumor necrosis factor receptor superfamily member 1B; Tumor necrosis factor receptor 2; TNF-R2; Tumor necrosis factor receptor type II; TNF-RII; TNFR-II; p75; p80 TNF-alpha rec

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

Background

Tumor necrosis factor receptor superfamily member 1B encoded by TNFRSF1B is a member of the TNF-receptor superfamily. Tumor necrosis factor receptor superfamily member 1B and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

Recommended Dilution

WB: 1: 500 - 1: 2000

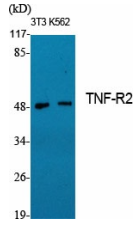
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

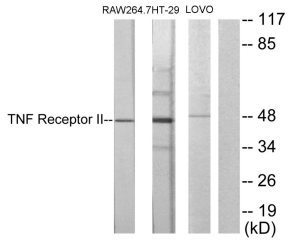
ELISA: 1: 20000

Not yet tested in other applications.

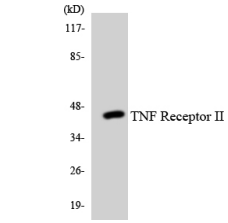
Images



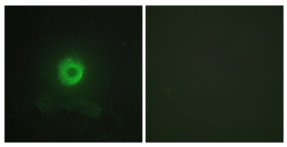
Western Blot analysis of various cells using TNF-R2 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from RAW264.7, HT-29, and LOVO cells, using TNF Receptor II Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECcells using TNF Receptor II antibody.



Immunofluorescence analysis of HeLa cells, using TNF Receptor II Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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