

API5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00515
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human API-5. AA range:421-470
Mol wt	57561
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	API5 Antibody
Synonyms	API5; MIG8; Apoptosis inhibitor 5; API-5; Antiapoptosis clone 11 protein; AAC-11; Cell migration-inducing gene 8 protein; Fibroblast growth factor 2-interacting factor; FIF; Protein XAGL

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

Background

API5 encodes an apoptosis inhibitory protein whose expression prevents apoptosis after growth factor deprivation. This protein (apoptosis inhibitor 5) suppresses the transcription factor E2F1-induced apoptosis and also interacts with, and negatively regulates Acinus, a nuclear factor involved in apoptotic DNA fragmentation. Its depletion enhances the cytotoxic action of the chemotherapeutic drugs. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

Recommended Dilution

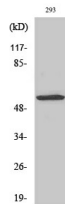
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

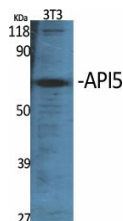
ELISA: 1: 20000

Not yet tested in other applications.

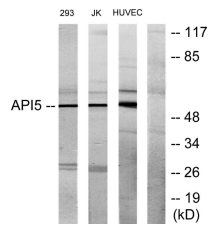
Images



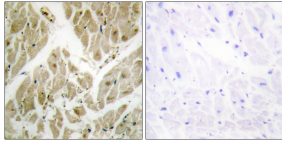
Western Blot analysis of HuvEc cells using API5 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of various cells using API5 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from 293, Jurkat, and HUVEC cells, using API-5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using API-5 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com