

anti-Human Fas Polyclonal Antibody | anti-FAS antibody

Anti-Fas Antibody

CATALOG # AAA46504	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	----------------------------	---

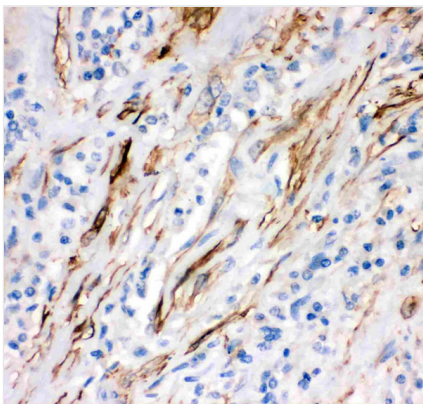
PRODUCT SYNONYMS

Fas; Polyclonal Antibody; Anti-Fas Antibody; Tumor necrosis factor receptor superfamily member 6; ALPS 1A; ALPS1A; APO 1; Apo 1 antigen; APO 1 cell surface antigen; Apo-1 antigen; APO1; Apo1 antigen; APO1 cell surface antigen; Apoptosis antigen 1; Apoptosis mediating surface antigen FAS; Apoptosis-mediating surface antigen FAS; APT 1; APT1; CD 95; CD 95 antigen; CD95; CD95 antigen; Delta Fas; Delta Fas/APO 1/CD95; Delta Fas/APO1/CD95; Fas (TNF receptor superfamily; member 6); FAS 1; FAS 827dupA; Fas AMA; FAS; FAS Antigen; Fas cell surface death receptor; FAS1; FASLG receptor; FASTM; sFAS; Surface antigen APO1; TNF receptor superfamily; member 6; TNFRSF 6; TNFRSF6; TNR6_HUMAN; anti-FAS antibody

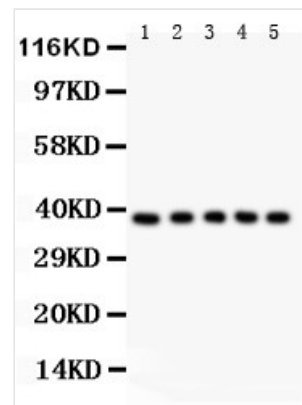
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	335
Applicable Applications for anti-FAS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Fas recombinant protein (Position: Q26-N173). Human Fas shares 55% and 59% amino acid (aa) sequences identity with mouse and rat Fas, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

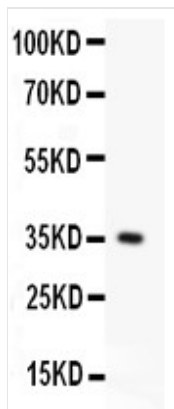
IMAGES



IHC (Immunohistochemistry)
Anti- FAS Picoband antibody, AAA46504, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti- FAS Picoband antibody, AAA46504, Western blottingAll lanes: Anti FAS (AAA46504) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugLane 4: SMMC Whole Cell Lysate at 40ugLane 5: K562 Whole Cell Lysate at 40ugPredicted bind size: 37KDObserved bind size: 37KD



WB (Western Blot)

Anti- FAS Picoband antibody, AAA46504, Western blottingAll lanes: Anti FAS (AAA46504) at 0.5ug/mlWB: Recombinant Human FAS Protein 0.5ngPredicted bind size: 35KDObserved bind size: 35KD

ADDITIONAL INFORMATION

Related Product Information for anti-FAS antibody	Description: Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 6(FAS) detection. Tested with WB, IHC-P in Human. Background: FAS(also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. FAS antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The FAS antigen shows structural homology with a number of cell surface receptors, including tumor necrosis factor(TNF) receptors and the low-affinity nerve growth factor receptor(NGFR) and it is mapped to 10q24.1. The FAS and FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis.
References	1. Desbarats, J.; Birge, R. B.; Mimouni-Rongy, M.; Weinstein, D. E.; Palerme, J.-S.; Newell, M. K. : Fas engagement induces neurite growth through ERK activation and p35 upregulation. Nature Cell Biol. 5: 118-125, 2003. 2. Arscott, P. L.; Stokes, T.; Myc, A.; Giordano, T. J.; Thompson, N. W.; Baker, J. R., Jr. : Fas (CD95) expression is up-regulated on papillary thyroid carcinoma. J. Clin. Endocr. Metab. 84: 4246-4252, 1999. 3. Zhang, X.; Miao, X.; Sun, T.; Tan, W.; Qu, S.; Xiong, P.; Zhou, Y.; Lin, D. : Functional polymorphisms in cell death pathway genes FAS and FASL contribute to the risk of lung cancer. J. Med. Genet. 42: 479-484, 2005.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507583
NCBI GeneID	355
NCBI Accession #	NP_000034.1
NCBI GenBank Nucleotide #	NM_000043.5
UniProt Accession #	P25445 ; Q14292 ; Q14293 ; Q14294 ; Q14295 ; Q16652 ; Q5T9P1 ; Q5T9P2 ; Q5T9P3 ; Q6SSE9 ; A9UJX4 ; B6VNV4
Molecular Weight	24,781 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 6 isoform 1
NCBI Official Synonym Full Names	Fas cell surface death receptor
NCBI Official Symbol	FAS
NCBI Official Synonym Symbols	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6
UniProt Gene Name	FAS

UniProt Synonym Gene Names	APT1; FAS1; TNFRSF6
UniProt Entry Name	TNR6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fas-antibody-immunohistochemistry-western-blot-elisa/46504>