

Rabbit anti-Human FAS Polyclonal Antibody | anti-FAS antibody

FAS Antibody

CATALOG # AAA307564	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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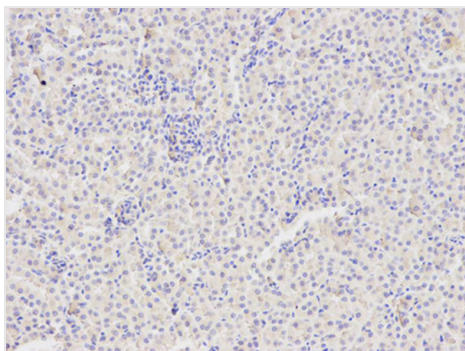
PRODUCT SYNONYMS

FAS; Polyclonal Antibody; FAS Antibody; ALPS1A; APO-1; APT1; CD95; anti-FAS antibody

PRODUCT SPECIFICATIONS

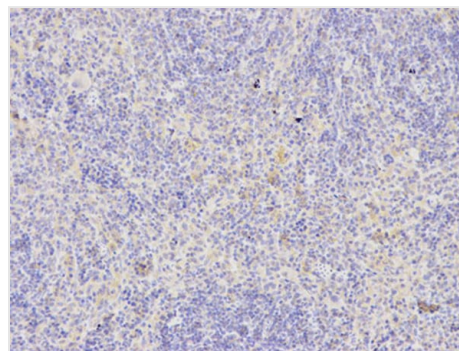
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total FAS protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-FAS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human FAS.
Target Name	FAS
Preparation and Storage	Store at -20 degree C

IMAGES



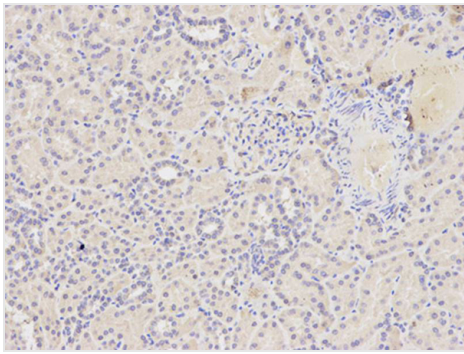
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney using FAS antibody at dilution of 1:400 (200x lens).



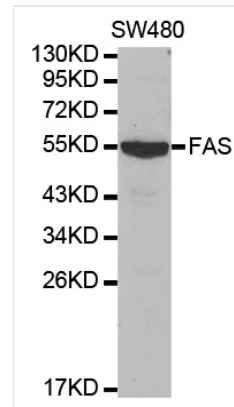
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat spleen using FAS antibody at dilution of 1:400 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using FAS antibody at dilution of 1:400 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of SW480 cell lines, using FAS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FAS antibody

Association of the receptor Fas with its ligand FasL triggers an apoptotic pathway that plays an important role in immune regulation, development, and progression of cancers (1,2). Loss of function mutation in either Fas (lpr mice) or FasL (gld mice) leads to lymphadenopathy and splenomegaly as a result of decreased apoptosis in CD4-CD8- T lymphocytes (3,4). FasL (CD95L, Apo-1L) is a type II transmembrane protein of 280 amino acids (runs at approximately 40 kDa upon glycosylation) that belongs to the TNF family, which also includes TNF- α , TRAIL, and TWEAK. Binding of FasL to its receptor triggers the formation of a death-inducing signaling complex (DISC) involving the recruitment of the adaptor protein FADD and caspase-8 (5). Activation of caspase-8 from this complex initiates a caspase cascade resulting in the activation of caspase-3 and subsequent cleavage of proteins leading to apoptosis. Unlike Fas, which is constitutively expressed by various cell types, FasL is predominantly expressed on activated T lymphocytes, NK cells, and at immune privileged sites (6). FasL is also expressed in several tumor types as a mechanism to evade immune surveillance (7). Similar to other members of the TNF family, FasL can be cleaved by metalloproteinases producing a 26 kDa trimeric soluble form (8,9).

Product Categories/Family for anti-FAS antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507583
NCBI GeneID	355
NCBI Accession #	NP_000034.1
NCBI GenBank Nucleotide #	NM_000043.4
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fas-antibody-immunohistochemistry-western-blot-elisa/307564>