

Datasheet for ABIN2787943
anti-FAS antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	FAS
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FAS
Sequence:	GLHHDGQFCH KPCPPGERKA RDCTVNGDEP DCVPCQEGKE YTDKAHFSSK
Predicted Reactivity:	Goat: 100%, Human: 100%, Pig: 93%
Characteristics:	This is a rabbit polyclonal antibody against FAS. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FAS
Alternative Name:	FAS (FAS Products)
Background:	FAS is a member of the TNF-receptor superfamily. This receptor contains a death domain. It

Target Details

has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. At least eight alternatively spliced transcript variants encoding seven distinct isoforms have been described. The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform.

Alias Symbols: ALPS1A, APO-1, APT1, CD95, FAS1, FASTM, TNFRSF6

Protein Interaction Partner: FADD, CAV1, FAS, APOA5, TMX1, UBQLN1, MBD4, TP63, TCAP, BAG6, UBC, HNRNPC, GADD45A, CCND3, ATP6V0B, SQSTM1, Ube2i, PRAM1, RARA, PML, DAXX, FASLG, TRADD, MAP3K5, BMX, Traf1, FAF1, FAF2, TRAF3, KRIT1, TNF, BRE, LRIF1, FEM1B, FBF1, FAIM2, CASP8AP2, C14orf1,

Protein Size: 335

Molecular Weight:	36 kDa
Gene ID:	355
NCBI Accession:	NM_000043 , NP_000034
UniProt:	P25445
Pathways:	p53 Signaling , Apoptosis , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 335 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FAS Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: NCI-H226 cell lysate

Western Blotting

Image 2. WB Suggested Anti-FAS

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: NCI-H226 cell lysate.FAS is strongly supported by BioGPS gene expression data to be expressed in NCI-H226