

Datasheet for ABIN2787943

anti-FAS antibody (N-Term)

2 Images



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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	

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		

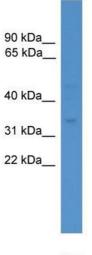
Handling

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



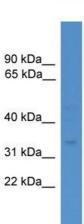
Western Blotting

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