

Datasheet for ABIN6282381 **anti-FAS antibody (AA 230-310)**



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Overview

Quantity:	50 µL
Target:	FAS
Binding Specificity:	AA 230-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	FAS is a protein encoded by the FAS gene which is approximately 37,7 kDa. FAS isoform 1 is localised to the cell membrane with other isoforms being secreted. It is involved in dimerization of procaspase-8, allograft rejection, apoptosis modulation and signalling, PEDF induced signalling and the TNFR1 pathway. This protein falls under the TNF-receptor superfamily. This receptor contains a death domain and plays a central role in the physiological regulation of programmed cell death, it has also been implicated in the pathogenesis of various malignancies and diseases of the immune system. FAS isoform 1 and 6 is expressed in resting peripheral blood mononuclear cells. Mutations in the FAS gene may result in autoimmune lymphoproliferative syndrome. STJ93041 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of FAS protein.
Immunogen:	Synthesized peptide derived from human FAS around the non-phosphorylation site of Y291.

Product Details

Isotype:	IgG
Specificity:	FAS Polyclonal Antibody detects endogenous levels of FAS protein.
Characteristics:	Rabbit polyclonal to FAS.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	FAS
Alternative Name:	FAS (FAS Products)
Molecular Weight:	42 kDa
Gene ID:	355
UniProt:	P25445
Pathways:	p53 Signaling , Apoptosis , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:10000
Comment:	Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
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

Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.