

FAS Polyclonal Antibody

Catalog No: #21419



Package Size: #21419-1 50ul #21419-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

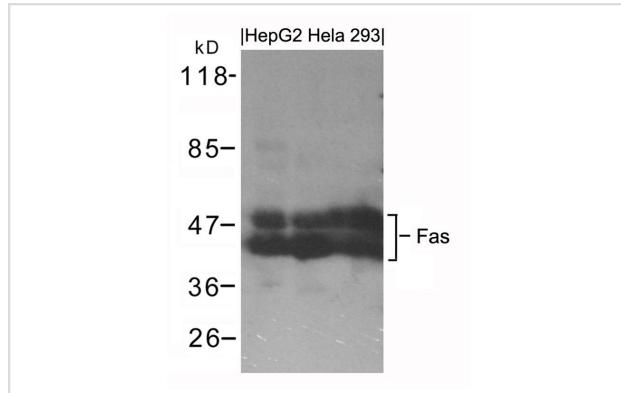
Description

Product Name	FAS Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB;IHC;IF;ELISA
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total Fas protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.323~327 (E-N-S-N-F) derived from human Fas .
Conjugates	Unconjugated
Target Name	Fas
Other Names	FASLG receptor; Apoptosis-mediating surface antigen FAS; Apo-1 antigen
Accession No.	Swiss-Prot: P25445 NCBI Protein: NP_000034.1
Calculated MW	38kDa
SDS-PAGE MW	40-50kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

WB 1:500-2000; IHC 1:50-200; IF 1:50-200; ELISA 1:5000-1:20000;

Images



Western blot analysis of extracts from HepG2, HeLa and 293 cells using Fas Antibody #21419.

Background

Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro).

Hahne, M. et al. (1995) *Int Immunol* 7, 1381-6.

Nagata, S. (1997) *Cell* 88, 355-65.

Green, D.R. and Ferguson, T.A. (2001) *Nat Rev Mol Cell Biol* 2, 917-24.

Published Papers

el at., Activation of Fas death receptor pathway and Bid in hepatocytes is involved in saikogenin D induction of hepatotoxicity. In *Environ Toxicol Pharmacol* on 2016 Jan by Feng Zhang , Li Chen et al.. PMID:26645133 , , (2016)
PMID:26645133

Note: This product is for in vitro research use only and is not intended for use in humans or animals.