

Rabbit anti-Human, mouse IGFALS Polyclonal Antibody | anti-IGFALS antibody

IGFALS Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289701	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

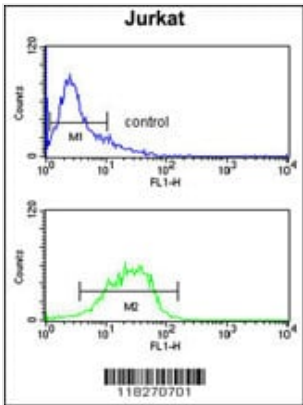
PRODUCT SYNONYMS

IGFALS; Polyclonal Antibody; IGFALS Antibody (Center); Insulin-like growth factor-binding protein complex acid labile subunit; ALS; anti-IGFALS antibody

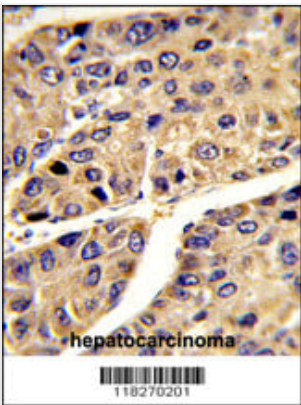
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IGFALS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-335 amino acids from the Central region of human IGFALS.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	308-335
Sequence Length	643
Applicable Applications for anti-IGFALS antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

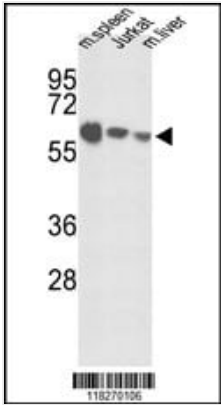
IMAGES



FCM/FACS (Flow Cytometry)
IGFALS Antibody (Center) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with IGFALS Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of IGFALS Antibody (Center) in mouse spleen tissue, Jurkat cell line and mouse liver tissue lysates (35ug/lane). IGFALS (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IGFALS antibody	IGFALS is a serum protein that binds insulin-like growth factors, increasing their half-life and their vascular localization. Production of the protein, which contains twenty leucine-rich repeats, is stimulated by growth hormone. Defects in this protein are a cause of acid-labile subunit deficiency, which maifests itself in a delayed and slow puberty.
Product Categories/Family for anti-IGFALS antibody	Cardiovascular; Signal Transduction
References	Leong S.R., Baxter R.C.Mol. Endocrinol. 6:870-876(1992) Suwanichkul A.Endocrinology 141:833-838(2000) Liu T., Qian W.-J.J. Proteome Res. 4:2070-2080(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	225579152
NCBI GeneID	3483
NCBI Accession #	NP_001139478.1; NP_004961.1
NCBI GenBank Nucleotide #	NM_001146006.1

UniProt Accession #	P35858; B4DZY8; E9PGU3
Molecular Weight	66035
NCBI Official Full Name	insulin-like growth factor-binding protein complex acid labile subunit isoform 1
NCBI Official Synonym Full Names	insulin-like growth factor binding protein, acid labile subunit
NCBI Official Symbol	IGFALS
NCBI Official Synonym Symbols	ALS; ACLSD
NCBI Protein Information	insulin-like growth factor-binding protein complex acid labile subunit
UniProt Protein Name	Insulin-like growth factor-binding protein complex acid labile subunit
UniProt Gene Name	IGFALS
UniProt Synonym Gene Names	ALS; ALS
UniProt Entry Name	ALS_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/igfals-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289701>