



ALS Polyclonal Antibody

Catalog No	BYab-15872
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	IGFALS
Protein Name	Insulin-like growth factor-binding protein complex acid labile subunit
Immunogen	The antiserum was produced against synthesized peptide derived from human IGFALS. AA range:303-352
Specificity	ALS Polyclonal Antibody detects endogenous levels of ALS protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IGFALS; ALS; Insulin-like growth factor-binding protein complex acid labile subunit; ALS
Observed Band	66kD
Cell Pathway	Secreted, extracellular space.
Tissue Specificity	Plasma.
Function	function:Involved in protein-protein interactions that result in protein complexes, receptor-ligand binding or cell adhesion.,similarity:Contains 20 LRR (leucine-rich) repeats.,subunit:Forms a ternary complex of about 140 to 150 kDa with IGF-I or IGF-II and IGFBP-3.,tissue specificity:Plasma.,
Background	The protein encoded by this gene is a serum protein that binds insulin-like growth factors, increasing their half-life and their vascular localization. Production of the encoded protein, which contains twenty leucine-rich repeats, is stimulated by growth hormone. Defects in this gene are a cause of acid-labile subunit deficiency, which maifests itself in a delayed and slow puberty. Three transcript

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



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	variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.





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