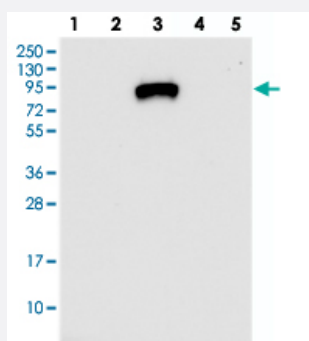


IGFALS polyclonal antibody

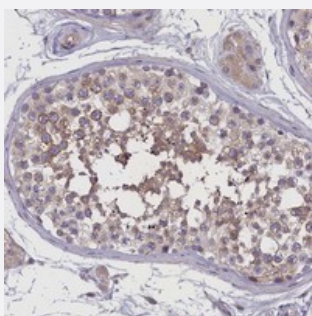
Catalog # PAB23681 Size 100 uL

Applications



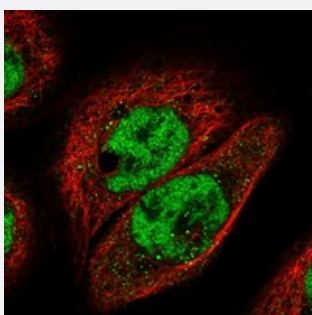
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with IGFALS polyclonal antibody (Cat # PAB23681) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with IGFALS polyclonal antibody (Cat # PAB23681) shows moderate cytoplasmic positivity in cells in seminiferous ducts at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with IGFALS polyclonal antibody (Cat # PAB23681) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant IGFALS.

Immunogen

Recombinant protein corresponding to amino acids of human IGFALS.

Sequence	DCGCPLKALRDFALQNPSAVPRFVQAICEGDDCQPPAYTYNNITCASPPEVVGLDLRDLSEAHFAP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — IGFALS

Entrez GeneID [3483](#)

Protein Accession# [P35858](#)

Gene Name	IGFALS
Gene Alias	ALS
Gene Description	insulin-like growth factor binding protein, acid labile subunit
Omim ID	601489
Gene Ontology	Hyperlink
Gene Summary	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 an acid-labile subunit deficiency, which manifests itself in a delayed and slow puberty. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN COMPLEX ACID LABILE CHAIN

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)

- [Tobacco Use Disorder](#)
- [Werner syndrome](#)