

IGFALS Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7478c**Specification**

IGFALS Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P35858](#)

IGFALS Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3483

Other Names

Insulin-like growth factor-binding protein complex acid labile subunit, ALS, IGFALS, ALS

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7478c](/products/AP7478c) was selected from the Center region of human IGFALS. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IGFALS Antibody (Center) Blocking Peptide - Protein Information

Name IGFALS

Synonyms ALS

Function

Involved in protein-protein interactions that result in protein complexes, receptor-ligand binding or cell adhesion.

Cellular Location

Secreted, extracellular space.

Tissue Location

Plasma.

IGFALS Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IGFALS Antibody (Center) Blocking Peptide - Images

IGFALS Antibody (Center) Blocking Peptide - Background

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 manifests itself in a delayed and slow puberty.

IGFALS Antibody (Center) Blocking Peptide - 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)