

For Research Use Only

# IGFALS Polyclonal antibody

Catalog Number: 24545-1-AP



## Basic Information

Catalog Number:

24545-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21696

GenBank Accession Number:

BC025681

GeneID (NCBI):

3483

UNIPROT ID:

P35858

Full Name:

insulin-like growth factor binding protein, acid labile subunit

Calculated MW:

605 aa, 66 kDa

Observed MW:

85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human plasma,

## Background Information

THE ACID-LABILE SUBUNIT (ALS), a liver-derived, GH-dependent, 85-kD glycoprotein, is a key component of the 150-kD IGF circulating ternary complex (PMID: 17726072). 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 manifests itself in a delayed and slow puberty.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

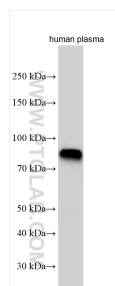
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24545-1-AP (IGFALS antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.