

For Research Use Only

IGFBP3 Recombinant antibody

Catalog Number: 84470-4-RR



Basic Information

Catalog Number:

84470-4-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000598.5

GeneID (NCBI):

3486

UNIPROT ID:

P17936-1

Full Name:

insulin-like growth factor binding protein 3

Calculated MW:

32 kDa

Observed MW:

32-37 kDa

Purification Method:

Protein A purification

CloneNo.:

241723B3

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SKOV-3 cells,

Background Information

Insulin-like growth factor binding protein-3 (IGFBP-3) contains a 27 amino acid putative signal sequence followed by a mature protein of 264 amino acids with 18 cysteine residues clustered near the N- and C-terminus. Accordingly, expression of the cloned IGFBP-3 cDNA in mammalian tissue culture cells results in secretion of the protein into the culture medium. IGFBP-3 shares high homology (33% amino acid identity) including conservation of all 18 cysteine residues with a smaller human IGF-binding protein (BP-28) identified in amniotic fluid. IGFBP-3 has one or more glycosylation sites with a protein core of 30 kDa. Western blots revealed that the 39-45 kDa IGFBP-3 fragment is a glycoprotein. (PMID: 23403918, PMID: 24926947, PMID: 19887447)

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

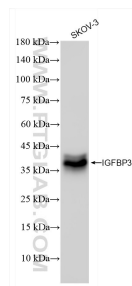
For technical support and original validation data for this product please contact:

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Selected Validation Data



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 84470-4-RR (IGFBP3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.