

For Research Use Only

IGFBP4 Polyclonal antibody

Catalog Number: 30952-1-AP



Basic Information

Catalog Number:

30952-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001552.3

GeneID (NCBI):

3487

UNIPROT ID:

P22692-1

Full Name:

insulin-like growth factor binding protein 4

Calculated MW:

28 kDa

Observed MW:

28-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : MDA-MB-231 cells,

Background Information

IGFBP4, also named as IBP4, is a 258 amino acid protein, which contains one IGFBP N-terminal domain and one thyroglobulin type-1 domain. IGFBP4 is the smallest member of the insulin-like growth factor binding protein family (IGFBP). It is a hepatic protein that plays a role in modulating the activity and bioavailability of IGF-I. The expression of IGFBP4 was found to increase under conditions of hypoxia. IGFBP4 is highly expressed in adipocytes and osteoblasts and is inhibitory of IGFs in vitro. (PMID: 28938423, PMID: 34646401).

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

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

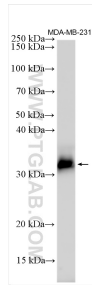
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



MDA-MB-231 cells lysates were subjected to SDS PAGE followed by western blot with 30952-1-AP (IGFBP4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.