

For Research Use Only

IGFBP4 Polyclonal antibody

Catalog Number: 30952-1-AP



Basic Information

Catalog Number: 30952-1-AP	GenBank Accession Number: NM_001552.3	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 3487	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: insulin-like growth factor binding protein 4	
Isotype: IgG	Calculated MW: 28 kDa	
	Observed MW: 28-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-231 cells,
Species Specificity: Human	

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

*** 20ul sizes contain 0.1% BSA

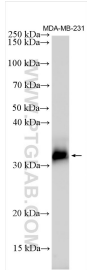
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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.