Product Datasheet

IGFBP2 Rabbit mAb

Catalog No: #49749

Package Size: #49749-1 50ul #49749-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

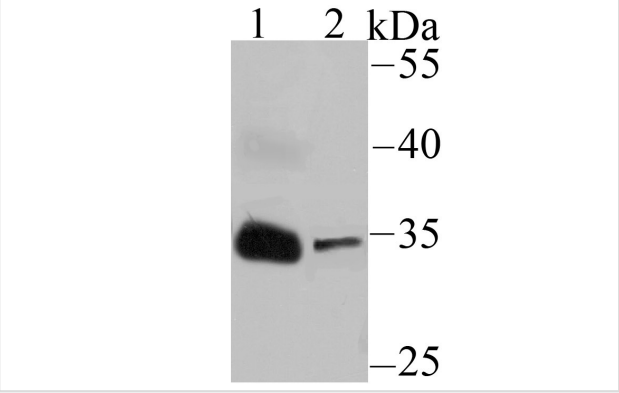
Description

Product Name	IGFBP2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU37-46
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	BP 2 antibody BP2 antibody IBP 2 antibody IBP-2 antibody IBP2 antibody IBP2_HUMAN antibody IGF binding protein 2 antibody IGF BP53 antibody IGF-binding protein 2 antibody IGFBP 2 antibody IGFBP-2 antibody IGFBP2 antibody IGFBP53 antibody Insulin like growth factor binding protein 2 36kDa antibody Insulin like growth factor binding protein 2 antibody Insulin like growth factor-binding protein 2 precursor antibody Insulin-like growth factor-binding protein 2 antibody
Accession No.	Swiss-Prot#:P18065
Uniprot	P18065
GeneID	3485;
Calculated MW	35 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

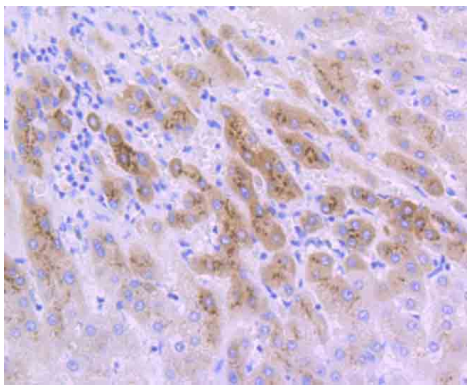
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200

Images



Western blot analysis of IGFBP2 on Human serum (1) and NCCIT (2) lysates using anti-IGFBP2 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-IGFBP2 antibody. Counter stained with hematoxylin.

Background

The Insulin-like growth factor-binding proteins (IGFBPs), a family of homologous proteins that have co-evolved with the IGFs, serve not only as shuttle molecules for the soluble IGFs, but also confer a level of regulation to the IGF signaling system. Physical association of the IGFBPs with IGF influences the bio-availability of the growth factors, and their concentration and distribution in the extracellular environment. The IGFBPs also appear to have biological activity independent of the IGFs. Seven IGFBPs have been described, each differing in their tissue distribution, half-lives and modulation of IGF interactions with their receptors. IGFBP1 is negatively regulated by Insulin production. The IGFBP1 gene is expressed at a high level during fetal liver development and in response to nutritional changes and diabetes. IGFBP2, which may function as a chaperone, escorting IGFs to their target tissues, is expressed in several human tissues including fetal eye and fetal brain.

References

Note: This product is for in vitro research use only