

Product Name: KD-Validated IGF2BP2 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01089

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 66.1kDa

Antigen Information

Gene Name	IGF2BP2 IGF2BP2; Insulin Like Growth Factor 2 mRNA Binding Protein 2; IMP-2; P62; Insulin-Like Growth Factor 2 mRNA-Binding Protein; IGF-II mRNA-Binding Protein 2; IGF2 mRNA-Binding Protein; VICKZ Family Member 2; VICKZ2; IMP2; Insulin-Like Growth Factor 2 mRNA Binding Protein 2; Hepatocellular Carcinoma Autoantigen P62; IGF II mRNA Binding Protein 2
Alternative Names	
Gene ID	10644.0
SwissProt ID	Q9Y6M1
Immunogen	A synthesized peptide derived from human IGF2BP2

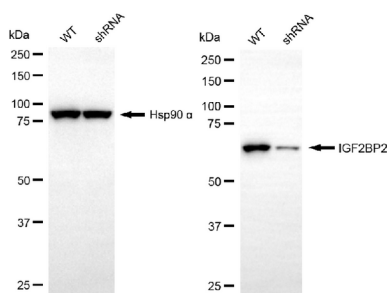
Background

This gene encodes a protein that binds the 5' UTR of insulin-like growth factor 2 (IGF2) mRNA and regulates its translation. It plays an important role in metabolism and variation in this gene is associated with susceptibility to diabetes. Alternative splicing and promoter usage results in multiple transcript variants. Related pseudogenes are found on several chromosomes. [provided by RefSeq, Sep 2016]

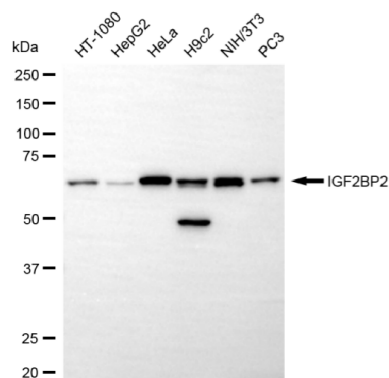
Research Area

Epigenetics and Nuclear Signaling, Signal Transduction, Immunology, Metabolism

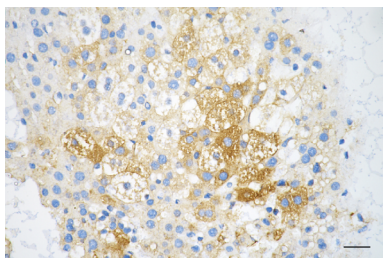
Image Data



Western blotting analysis using IGF2BP2 antibody (KVA01089). IGF2BP2 expression in wild-type (WT) and IGF2BP2 shRNA knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with IGF2BP2 antibody (KVA01089, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using IGF2BP2 antibody (KVA01089). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with IGF2BP2 antibody (KVA01089, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded mouse liver using IGF2BP2 antibody (KVA01089, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.