

Product Name: KD-Validated IGFBP2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01836**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
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
Molecular Weight	Calculated MW: 34.8kDa

Antigen Information

Gene Name	IGFBP2
Alternative Names	IGFBP2; Insulin Like Growth Factor Binding Protein 2; IBP2; Insulin-Like Growth Factor Binding Protein 2, 36kDa; Insulin-Like Growth Factor-Binding Protein 2; IGF-Binding Protein 2; Insulin-Like Growth Factor Binding Protein 2 (36kD); Insulin-Like Growth Factor Binding Protein 2; IGF-BP53; IGFBP-2; IBP-2; BP2
Gene ID	3485.0
SwissProt ID	P18065
Immunogen	A synthesized peptide derived from human IGFBP2

Background

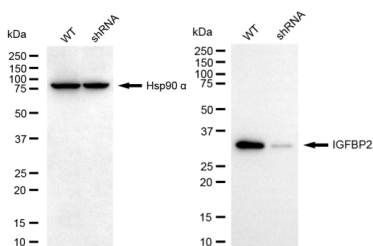
The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The

encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene. [provided by RefSeq, Sep 2015]

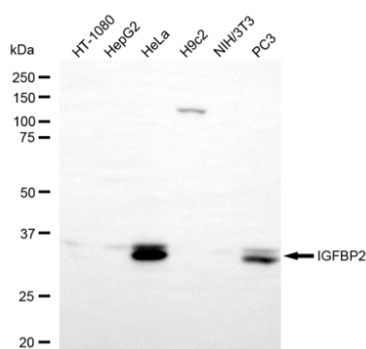
Research Area

Signal Transduction,Cancer

Image Data



Western blotting analysis using IGFBP2 antibody (KVA01836). IGFBP2 expression in wild-type (WT) and IGFBP2 shRNA knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with IGFBP2 antibody (KVA01836, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using IGFBP2 antibody (KVA01836). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with IGFBP2 antibody (KVA01836, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.