

IGF2BP2/IMP2 Rabbit mAb

Catalog No.: A5189 **Recombinant**

Basic Information

Observed MW

65kDa/70kDa

Calculated MW

66kDa/62kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IP

Cross-Reactivity

Human

CloneNo number

ARC1203

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

10644

Swiss Prot

Q9Y6M1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 500-595 of human IGF2BP2/IMP2 (NP_001007226.1).

Synonyms

IMP2; IMP-2; VICKZ2; IGF2BP2/IMP2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

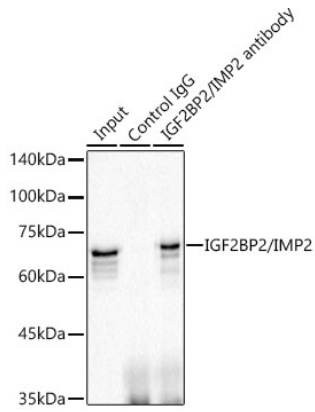
Affinity purification

Storage

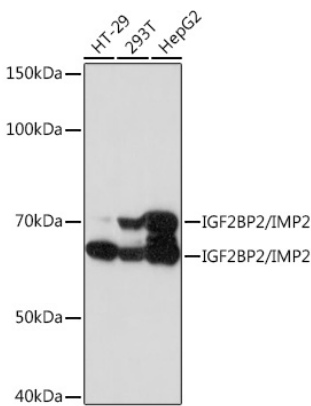
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of HepG2 cells using 3 µg IGF2BP2/IMP2 antibody (A5189). Western blot was performed from the immunoprecipitate using IGF2BP2/IMP2 antibody (A5189) at a dilution of 1:1000.



Western blot analysis of various lysates using IGF2BP2/IGF2BP2/IMP2 Rabbit mAb (A5189) at 1:1000 dilution.

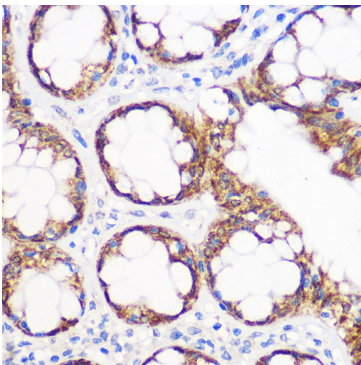
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon using IGF2BP2/IGF2BP2/IMP2 Rabbit mAb (A5189) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.