

# IGF2BP2/IMP2 Rabbit mAb

Catalog No.: A5189 **Recombinant**

## Basic Information

### Observed MW

66kDa/62kDa

### Calculated MW

66kDa/62kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IP,ELISA

### 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** 1:1000 - 1:4000

**IHC-P** 1:100 - 1:1000

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

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

10644

### Swiss Prot

Q9Y6M1

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

IMP2; IMP-2; VICKZ2; IGF2BP2/IMP2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

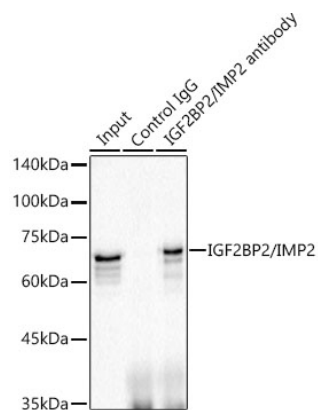
Affinity purification

### Storage

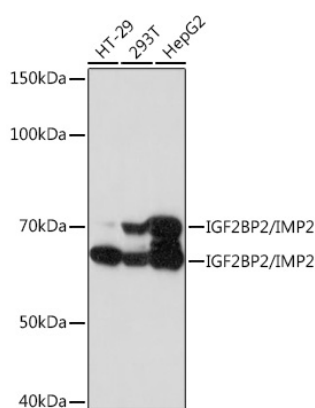
Store at -20°C. Avoid freeze / thaw cycles.

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/IMP2 Rabbit mAb (A5189) at 1:1000 dilution.

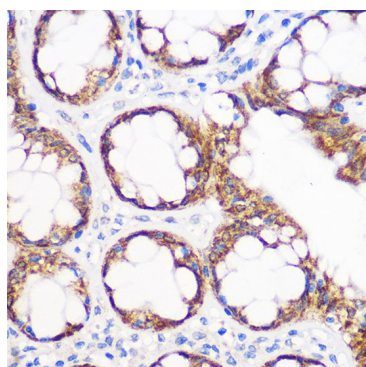
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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/IMP2 Rabbit mAb (A5189) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.