

# IGF2BP2/IMP2 Rabbit pAb

Catalog No.: A2749

4 Publications

## Basic Information

### Observed MW

66kDa

### Calculated MW

66kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse

## 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

<b>WB</b>	1:200 - 1:2000
<b>IHC-P</b>	1:50 - 1:100
<b>IF/ICC</b>	1:50 - 1:100

## Immunogen Information

### Gene ID

10644

### Swiss Prot

Q9Y6M1

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 500-599 of human IGF2BP2/IMP2 (NP\_006539.3).

### Synonyms

IMP2; IMP-2; VICKZ2; IGF2BP2/IMP2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

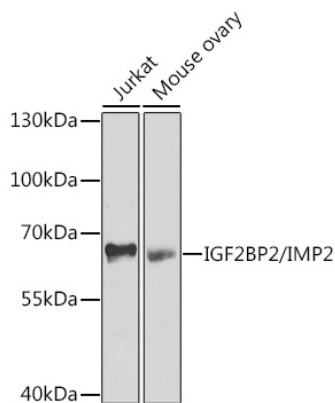
Affinity purification

### Storage

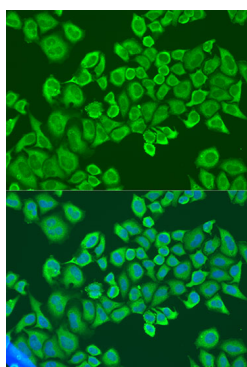
Store at -20°C. Avoid freeze / thaw cycles.

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

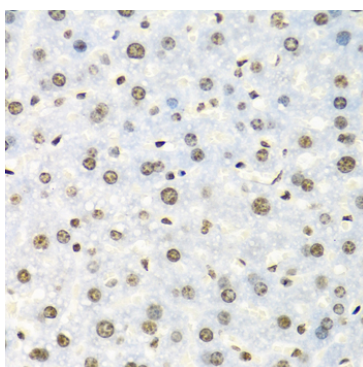
## Validation Data



Western blot analysis of various lysates using IGF2BP2/IMP2 Rabbit pAb (A2749) 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.



Immunofluorescence analysis of U2OS cells using IGF2BP2/IMP2 Rabbit pAb (A2749) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse liver using IGF2BP2/IMP2 Rabbit pAb (A2749) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.