

# IGF2BP1/IMP1 Rabbit mAb

Catalog No.: A22612 **Recombinant**

## Basic Information

### Observed MW

63kDa

### Calculated MW

63kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC57768

## Background

This gene encodes a member of the insulin-like growth factor 2 mRNA-binding protein family. The protein encoded by this gene contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**IF/ICC** 1:100 - 1:500

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

## Immunogen Information

### Gene ID

10642

### Swiss Prot

Q9NZI8

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

IMP1; ZBP1; CRDBP; IMP-1; CRD-BP; VICKZ1; IGF2BP1/IMP1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

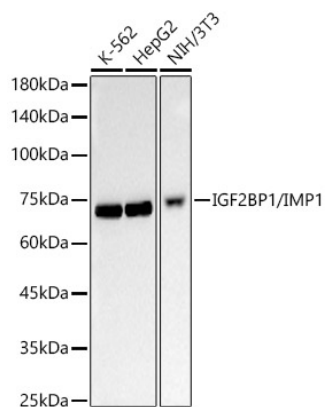
Affinity purification

### Storage

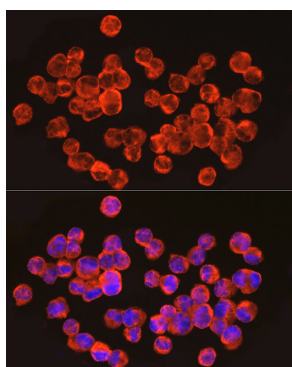
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

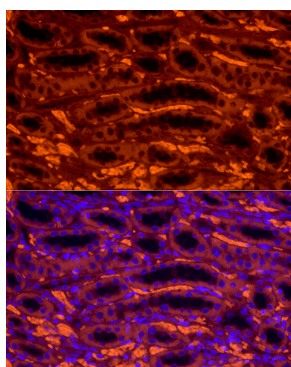
## Validation Data



Western blot analysis of various lysates, using IGF2BP1/IMP1 Rabbit mAb (A22612) at 1:3000 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.



Immunofluorescence analysis of K-562 cells using IGF2BP1/IMP1 Rabbit mAb (A22612) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat kidney using IGF2BP1/IMP1 Rabbit mAb (A22612) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.