IGF2BP1/IMP1 Rabbit mAb

Catalog No.: A22612 Recombinant



Basic Information

Observed MW

63kDa

Calculated MW

63kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,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

IF-P 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 IDSwiss Prot
10642
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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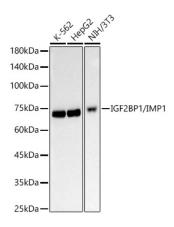
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



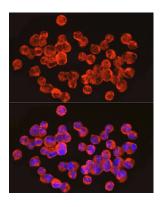
Western blot analysis of various lysates, using IGF2BP1/IMP1 Rabbit mAb (A22612) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

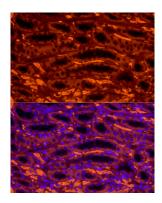
Blocking buffer: 3% nonfat dry milk in TBST.

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 paraffinembedded 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.