

A1774

Leader in Biomolecular Solutions for Life Science



IGF2BP2/IMP2 Rabbit pAb

Catalog No.: A1774

Basic Information

Observed MW

70kDa

Calculated MW

66kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

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 - 1:2000

IF/ICC 1:50 - 1:100

IF-P 1:50 - 1:100

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

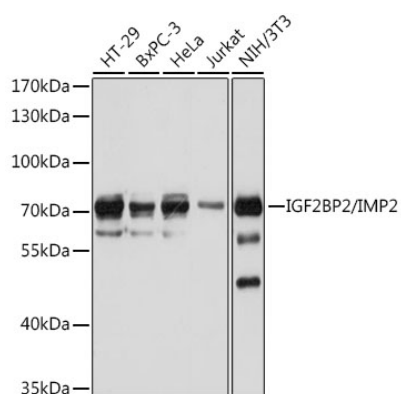
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Contact

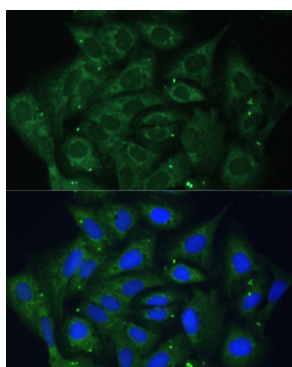


www.abclonal.com

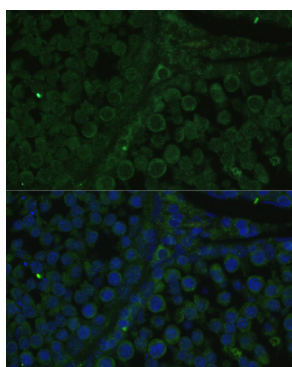
Validation Data



Western blot analysis of various lysates using IGF2BP2/IMP2 Rabbit pAb (A1774) 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.



Immunofluorescence analysis of U-2 OS cells using IGF2BP2/IMP2 Rabbit pAb (A1774) at dilution of 1:100. 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 testis using IGF2BP2/IMP2 Rabbit pAb (A1774) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.