

IGF2BP2/IMP2 Rabbit pAb

Catalog No.: A14103

Basic Information

Observed MW

70kDa

Calculated MW

66kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IP

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 - 1:200

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

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

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

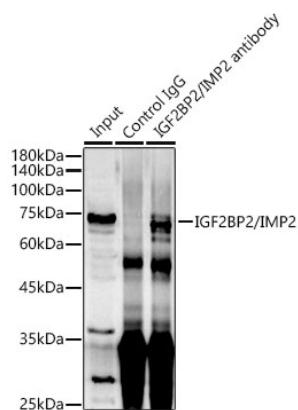
Affinity purification

Storage

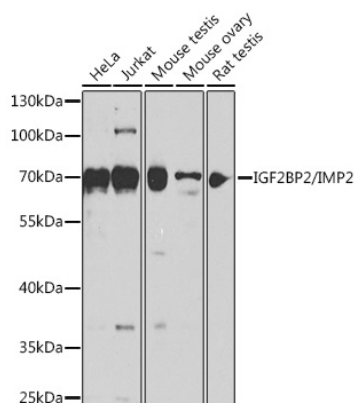
Store at -20°C. Avoid freeze / thaw cycles.

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

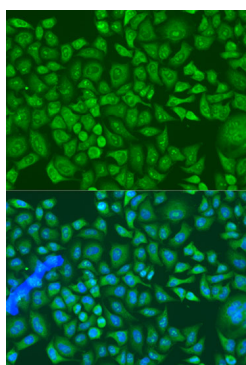
Validation Data



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg IGF2BP2/IMP2 antibody (A14103). Western blot was performed from the immunoprecipitate using IGF2BP2/IMP2 antibody (A14103) at a dilution of 1:500.



Western blot analysis of various lysates using IGF2BP2/IMP2 Rabbit pAb (A14103) 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 Enhanced Kit (RM00021). Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using IGF2BP2/IMP2 Rabbit pAb (A14103) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.