

A4444

Leader in Biomolecular Solutions for Life Science



IGF2BP3 Rabbit pAb

Catalog No.: A4444

13 Publications

Basic Information

Observed MW

70kDa

Calculated MW

64kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse

Background

The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

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

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

Immunogen Information

Gene ID

10643

Swiss Prot

O00425

Immunogen

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

Synonyms

KOC; CT98; IMP3; KOC1; IMP-3; VICKZ3; IGF2BP3

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

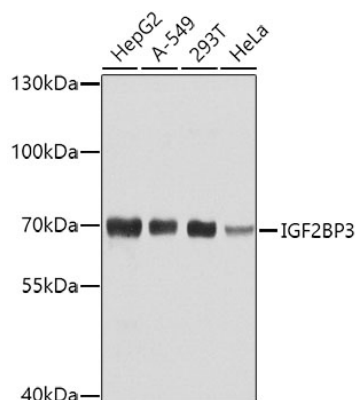
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Contact

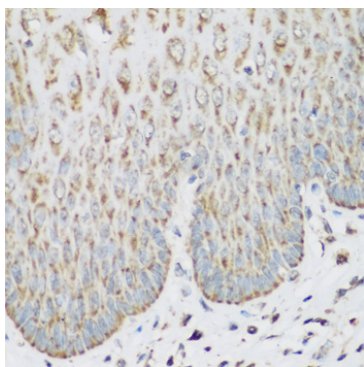


www.abclonal.com

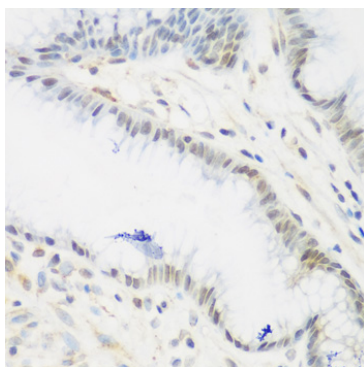
Validation Data



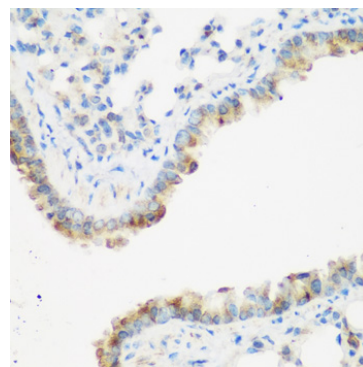
Western blot analysis of various lysates using IGF2BP3 Rabbit pAb (A4444) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15s.



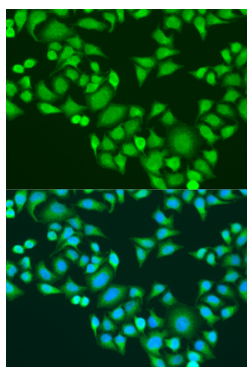
Immunohistochemistry analysis of paraffin-embedded Human esophagus using IGF2BP3 Rabbit pAb (A4444) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using IGF2BP3 Rabbit pAb (A4444) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

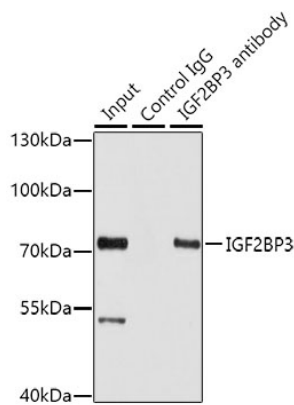


Immunohistochemistry analysis of paraffin-embedded Mouse lung using IGF2BP3 Rabbit pAb (A4444) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using IGF2BP3 Rabbit pAb (A4444) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data



Immunoprecipitation analysis of 100 µg extracts of HepG2 cells using 3 µg IGF2BP3 antibody (A4444). Western blot was performed from the immunoprecipitate using IGF2BP3 antibody (A4444) at a dilution of 1:1000.