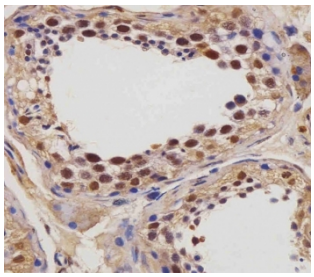
IGF2BP1 Antibody / ZBP-1 (F54545)

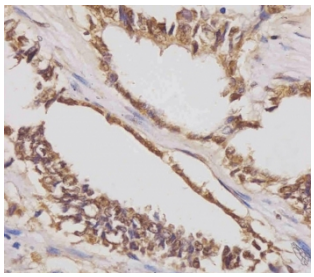
Catalog No.	Formulation	Size
F54545-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54545-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

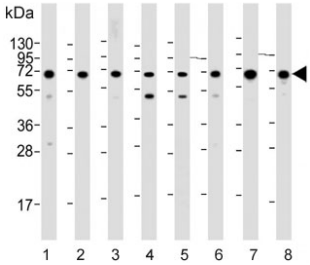
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9NZI8
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This IGF2BP1 antibody is available for research use only.



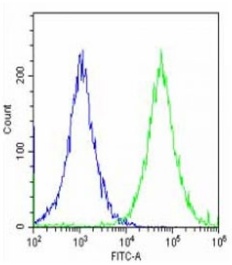
IHC testing of FFPE human testis tissue with IGF2BP1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human lung adenocarcinoma tissue with IGF2BP1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) HEK293, 2) RD, 3) Karpas 299, 4) Raji, 5) Jurkat, 6) HeLa, 7) HepG2 and 8) mouse NIH 3T3 cell lysate with IGF2BP1 antibody. Predicted molecular weight ~64 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with IGF2BP1 antibody; Blue=isotype control, Green= IGF2BP1 antibody.

Description

IGF2BP1 is 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the IGF2BP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 508-534 from the human protein was used as the immunogen for the IGF2BP1 antibody.

Storage

Aliquot the IGF2BP1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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