BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-IGF2BP1 Antibody (C-term)

Catalog Number: A02007-1

About IGF2BP1

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.

Overview

Product Name	Anti-IGF2BP1 Antibody (C-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-IGF2BP1 Antibody (C-term) (Catalog # A02007-1). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NZI8

Technical Details

Immunogen	This IGF2BP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 508-534 amino acids from the C-terminal region of human IGF2BP1.
Predicted Reactive Species	Chicken, Rat, Xenopus, Zebrafish
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:25 FC: 1:25

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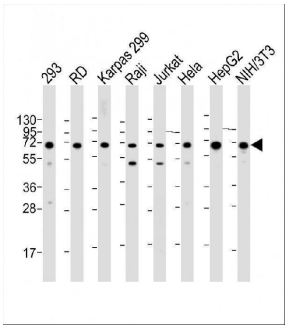
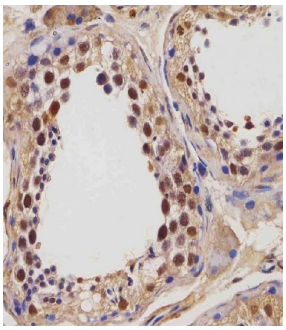
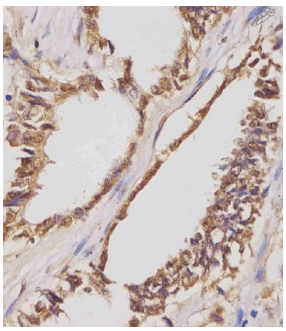
Anti-IGF2BP1 Antibody (C-term) (A02007-1) Images



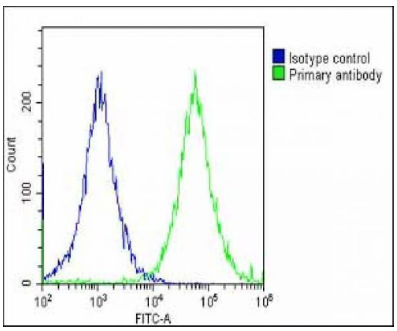
All lanes : Anti-IGF2BP1 Antibody (C-term) at 1:2000 dilutionLane 1: 293 whole cell lysateLane 2: RD whole cell lysateLane 3: Karpas 299 whole cell lysateLane 4: Raji whole cell lysateLane 5: Jurkat whole cell lysateLane 6: Hela whole cell lysateLane 7: HepG2 whole cell lysate Lane 8: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



A02007-1 staining IGF2BP1 in human testis tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



A02007-1 staining IGF2BP1 in human lung adenocarcinoma sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing HepG2 cells stained with A02007-1 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (A02007-1, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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