

Rabbit anti-Human IGF2BP2 Polyclonal Antibody | anti-IGF2BP2 antibody

Anti-IGF2BP2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255332	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IGF2BP2; Polyclonal Antibody; Anti-IGF2BP2 Antibody; Rabbit Polyclonal; IGF2BP2/IMP2 Antibody; Rabbit PAb; Antigen Affinity Purified; insulin-like growth factor 2 mRNA binding protein 2; Anti-IMP-2 Antibody; Anti-IMP2 Antibody; Anti-VICKZ2 Antibody; anti-IGF2BP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human IGF2BP2/IMP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IGF2BP2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human IGF2BP2/IMP2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human IGF2BP2/IMP2 (rh IGF2BP2/IMP2). IGF2BP2/IMP2 specific IgG was purified by Human IGF2BP2/IMP2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of IGF2BP2 in 293H cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-IGF2BP2 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human IGF2BP2 in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



WB (Western Blot)

Anti-IGF2BP2 rabbit polyclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 66 kDa
Observed band size: 72 kDa
(We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-IGF2BP2 antibody	Insulin-like growth factor 2 mRNA-binding protein 2 (IGF2BP2) is a member of the IGF-II mRNA-binding protein (IMP) family. IGF2BP2 is a member of a family of mRNA binding proteins that, collectively, have been shown to bind to several different mRNAs in mammalian cells, including one of the mRNAs encoding insulin-like growth factor-2. Insulin-like growth factor 2 mRNA-binding protein 2 (IGF2BP2) is involved in the stimulation of insulin action. IGF2BP2/IMP2 is expressed in oocytes, granulosa cells of small and growing follicles, Leydig cells, spermatogonia, and semen (at protein level). It is also expressed in testicular cancer (at protein level). It is expressed weakly in the heart, placenta, skeletal muscle, bone marrow, colon, kidney, salivary glands, testis, and pancreas. IGF2BP2 binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. This binding is isoform-specific. IGF2BP2 may regulate the translation of target mRNAs.
Product Categories/Family for anti-IGF2BP2 antibody	G Protein-coupled Receptors Signaling
References	Omori S, et al. (2008) Association of CDKAL1, IGF2BP2, CDKN2A/B, HHEX, SLC30A8, and KCNJ11 with susceptibility to type 2 diabetes in a Japanese population. Diabetes. 57(3): 791-5. Grarup N, et al. (2007) Studies of association of variants near the HHEX, CDKN2A/B, and IGF2BP2 genes with type 2 diabetes and impaired insulin release in 10, 705 Danish subjects: validation and extension of genome-wide association studies. Diabetes. 56(12): 3105-11. Wu Y, et al. (2008) Common variants in CDKAL1, CDKN2A/B, IGF2BP2, SLC30A8, and HHEX/IDE genes are associated with type 2 diabetes and impaired fasting glucose in a Chinese Han population. Diabetes. 57(10): 2834-42.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56118219
NCBI GeneID	10644
NCBI Accession #	NP_001007226.1
NCBI GenBank Nucleotide #	NM_001007225.1
UniProt Accession #	Q9Y6M1; A0A4Z0; B3FTN2; B3FTN3; B3FTN4
Molecular Weight	66,121 Da
NCBI Official Full Name	insulin-like growth factor 2 mRNA-binding protein 2 isoform b
NCBI Official Synonym Full Names	insulin-like growth factor 2 mRNA binding protein 2
NCBI Official Symbol	IGF2BP2
NCBI Official Synonym Symbols	p62; IMP2; IMP-2; VICKZ2
NCBI Protein Information	insulin-like growth factor 2 mRNA-binding protein 2; VICKZ family member 2; IGF2 mRNA-binding protein 2; IGF-II mRNA-binding protein 2; hepatocellular carcinoma autoantigen p62
UniProt Protein Name	Insulin-like growth factor 2 mRNA-binding protein 2
UniProt Gene Name	IGF2BP2
UniProt Synonym Gene Names	IMP2; VICKZ2; IGF2 mRNA-binding protein 2; IMP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/igf2bp2-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/255332>