

Igf2bp3 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI11781

Product Information

Application	WB
Primary Accession	Q9CPN8
Other Accession	NM_023670 , NP_076159
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Yeast
Predicted	Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63575

Additional Information

Gene ID	140488
Alias Symbol	2610101N11Rik, AA522010, AL022933, AU045931, IMP-3, IMP3, Koc13, MGC61294, Neilsen, mimp3
Other Names	Insulin-like growth factor 2 mRNA-binding protein 3, IGF2 mRNA-binding protein 3, IMP-3, mIMP-3, IGF-II mRNA-binding protein 3, VICKZ family member 3, Igf2bp3, Vickz3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Igf2bp3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Igf2bp3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Igf2bp3
Synonyms	Vickz3
Function	RNA-binding factor that may recruit target transcripts to cytoplasmic protein-RNA complexes (mRNPs). This transcript 'caging' into mRNPs allows mRNA transport and transient storage. It also modulates the rate and location at which target transcripts encounter the translational apparatus and shields them from endonuclease attacks or microRNA-mediated degradation. Preferentially binds to N6- methyladenosine (m6A)-containing mRNAs and

increases their stability (By similarity). Binds to the 3'-UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation (By similarity). Binds to beta-actin/ACTB and MYC transcripts (By similarity). Increases MYC mRNA stability by binding to the coding region instability determinant (CRD) and binding is enhanced by m6A-modification of the CRD (By similarity). Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs.

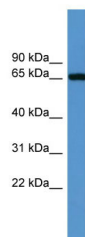
Cellular Location

Nucleus. Cytoplasm. Cytoplasm, P- body {ECO:0000250|UniProtKB:O00425}. Cytoplasm, Stress granule {ECO:0000250|UniProtKB:O00425}. Note=Found in lamellipodia of the leading edge, in the perinuclear region, and beneath the plasma membrane. The subcytoplasmic localization is cell specific and regulated by cell contact and growth. Localized at the connecting piece and the tail of the spermatozoa. In response to cellular stress, such as oxidative stress, recruited to stress granules.

Tissue Location

Expressed in oocytes, spermatogonia and spermatocytes (at protein level).

Images



WB Suggested Anti-Igf2bp3 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:12500
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.