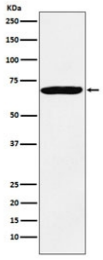
IGF2BP3 Antibody [clone AEDB-9] (RQ4692)

Catalog No.	Formulation	Size
RQ4692	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEDB-9
Purity	Affinity purified
UniProt	O00425
Applications	Western blot: 1:500-1:2000
Limitations	This IGF2BP3 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with IGF2BP3 antibody. Predicted molecular weight ~64 kDa.

Description

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. Binds to the 3'-UTR of CD44 mRNA and stabilizes it, hence promotes cell adhesion and invadopodia formation in cancer cells. Binds to beta-actin/ACTB and MYC transcripts. Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. [UniProt]

Application Notes

Optimal dilution of the IGF2BP3 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Insulin-like growth factor 2 mRNA-binding protein 3 was used as the immunogen for the IGF2BP3 antibody.

Storage

Store the IGF2BP3 antibody at -20oC.

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