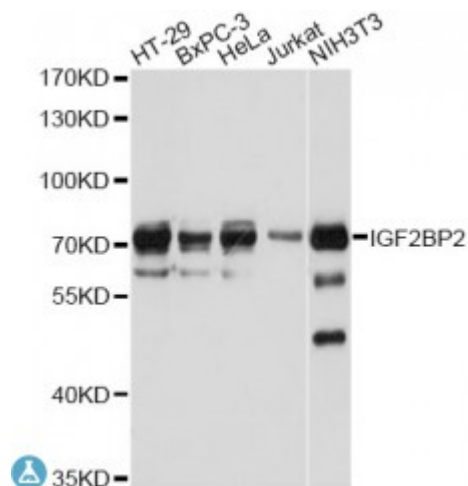


Anti-IGF2BP2 Antibody



Description

This gene encodes a member of the IGF-II mRNA-binding protein (IMP) family. The protein encoded by this gene contains four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternative promoter usage and alternate splicing result in multiple variants encoding different isoforms.

Model	STJ116159
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 330-599 of human IGF2BP2 (NP_006539.3).
Gene ID	10644
Gene Symbol	IGF2BP2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in oocytes, granulosa cells of small and growing follicles, Leydig cells, spermatogonia and semen (at protein level), Expressed in testicular cancer (at protein level), Expressed weakly in heart, placenta, skeletal muscle, bone marrow, colon, kidney, salivary glands, testis and pancreas, Detected in fetal liver, fetal ovary, gonocytes and interstitial cells of the testis
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Insulin-like growth factor 2 mRNA-binding protein 2 IGF2 mRNA-binding protein 2 IMP-2 Hepatocellular carcinoma autoantigen p62 IGF-II mRNA-binding protein 2 VICKZ family member 2
Molecular Weight	66.121 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:28867 OMIM:608289 Reactome:R-HSA-428359
Alternative Names	Insulin-like growth factor 2 mRNA-binding protein 2 IGF2 mRNA-binding protein 2 IMP-2 Hepatocellular carcinoma autoantigen p62 IGF-II mRNA-binding protein 2 VICKZ family member 2
Function	RNA-binding factor that recruits 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 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs, Binding is isoform-specific, Binds to beta-actin/ACTB and MYC transcripts,
Cellular Localization	Nucleus, Cytoplasm,