

Summary

Production Name	IGF2-BP2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	IGF2BP2 IGF2BP2; IMP2; VICKZ2; Insulin-like growth factor 2 mRNA-binding protein 2; IGF2
Alternative Names	mRNA-binding protein 2; IMP-2; Hepatocellular carcinoma autoantigen p62; IGF-II mRNA-binding protein 2; VICKZ family member 2
Gene ID	10644.0
SwissProt ID	Q9Y6M1.The antiserum was produced against synthesized peptide derived from human IGF2BP2. AA range:141-190

Application

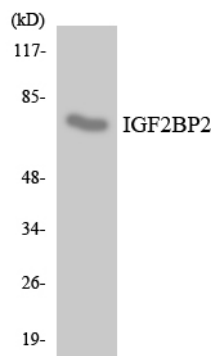
Dilution Ratio	WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	65kDa

Background

This gene encodes a protein that binds the 5' UTR of insulin-like growth factor 2 (IGF2) mRNA and regulates its translation. It plays an important role in metabolism and variation in this gene is associated with susceptibility to diabetes. Alternative splicing and promoter usage results in multiple transcript variants. Related pseudogenes are found on several chromosomes. [provided by RefSeq, Sep 2016],disease:Autoantibodies against IGF2BP2 are detected in sera from some patients with hepatocellular carcinoma.,function:Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. Binding is isoform-specific. May regulate translation of target mRNAs.,similarity:Belongs to the RRM IMP/VICKZ family.,similarity:Contains 2 RRM (RNA recognition motif) domains.,similarity:Contains 4 KH domains.,subcellular location:Localizes at the connecting piece and the tail of the spermatozoa.,subunit:Interacts with HNRPD.,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.,

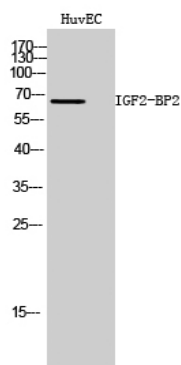
Research Area

Image Data



Western blot analysis of the lysates from Jurkat cells using IGF2BP2 antibody.

Product Name: IGF2-BP2 Rabbit Polyclonal Antibody
Catalog #: APRab12426



Western Blot analysis of HuvEC cells using IGF2-BP2 Polyclonal Antibody

Note

For research use only.