

## Anti-IGF2BP2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

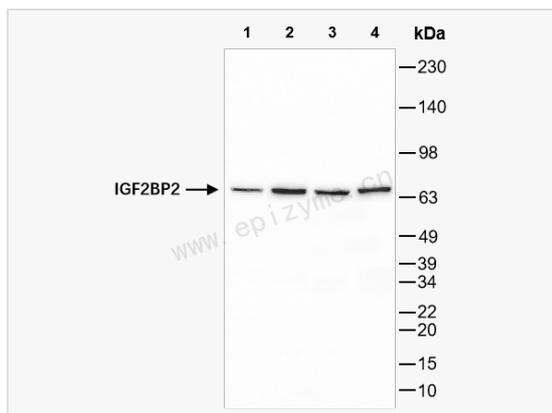
Catalog # R015761

### Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	56E20A95
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IGF2BP2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IGF2BP2 Rabbit mAb [56E20A95] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Hepatocellular carcinoma autoantigen p62; IF2B2_HUMAN; IGF 2 mRNA binding protein 2; IGF II mRNA binding protein 2; IGF-II mRNA-binding protein 2; IGF2 mRNA-binding protein 2; Igf2bp2; IMP 2; IMP-2; IMP2; Insulin like growth factor 2 mRNA binding protein 2; Insulin-like growth factor 2 mRNA-binding protein 2; OTTHUMP00000082606; OTTHUMP00000082607; OTTHUMP00000082608; p62; VICKZ 2; VICKZ family member 2; VICKZ2.
Calculated MW	Calculated MW: 66 kDa; Observed MW: 66 kDa
Uniprot ID	Q9Y6M1
Gene ID	10644
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]
Cellular Location	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Localizes at the connecting piece and the tail of the spermatozoa.
Tissue Location	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.



Western Blot - Anti-IGF2BP2 Rabbit mAb [56E20A95]

All lanes: R015761 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: 293T (Human embryonic kidney cell) whole cell lysates

Lane 4: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 66 kDa

Observed band size: 66 kDa

Developed using the ECL technique (Cat. No. SQ201).