

Recombinant

DGRmAb®

IGF2BP2 (DGR11373) Rabbit mAb

db16009

Package : 10µL 20µL 50µL 100µL

Product Name : IGF2BP2 (DGR11373) Rabbit mAb

Cat.No.: db16009

Synonyms : IMP2; IMP-2; VICKZ2

Application : WB, IHC-P, ICC/IF

Reactivity : Human,Mouse,Rat

Host species : Rabbit

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]

Immunogen

A synthetic peptide of human IGF2BP2

Gene ID

10644

Swiss Prot

Q9Y6M1

Synonyms

IMP2; IMP-2; VICKZ2

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

Calculated MW

66 kDa

Observed MW

66 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11373

Isotype

IgG

Purity

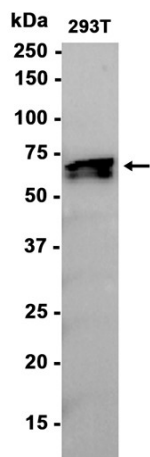
Affinity Purification

Conjugation

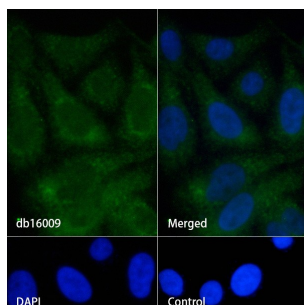
Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 293T cells using db16009 at 1:1000.



Immunofluorescence analysis of HepG2 cells labelling IGF2BP2 with db16009.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16009 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.