

IGF2R Polyclonal Antibody

catalog number: E-AB-68294

Note: Centrifuge before opening to ensure complete recovery of vial contents.

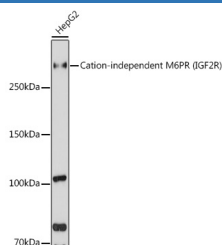
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human IGF2R
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

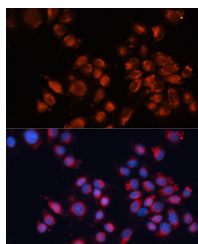
WB	1:500-1:2000
IF	1:50-1:200

Data

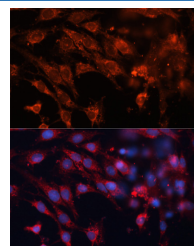


Western blot analysis of extracts of HepG2 cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) Polyclonal Antibody at 1:1000 dilution.

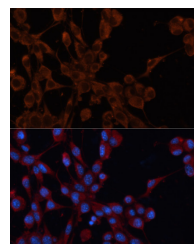
Observed-MV:274 kDa
Calculated-MV:274 kDa



Immunofluorescence analysis of HeLa cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) Polyclonal antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) Polyclonal antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate. The binding sites for each ligand are located on different segments of the protein. This receptor has various functions, including in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. Mutation or loss of heterozygosity of this gene has been association with risk of hepatocellular carcinoma. The orthologous mouse gene is imprinted and shows exclusive expression from the maternal allele; however, imprinting of the human gene may be polymorphic, as only a minority of individuals showed biased expression from the maternal allele (PMID:8267611).

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