

IGF2R Polyclonal Antibody

Catalog No: #29130



Package Size: #29130-1 50ul #29130-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

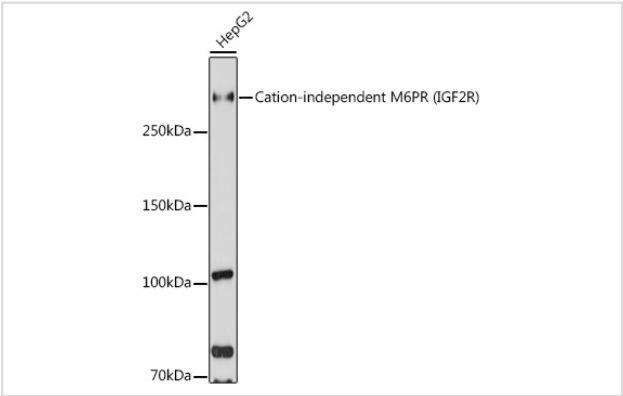
Description

Product Name	IGF2R Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human Cation-independent M6PR (Cation-independent M6PR (IGF2R)) (NP_000867.2).
Other Names	IGF2R;CD222;CI-M6PR;CIMPR;M6P-R;M6P/IGF2R;MPR 300;MPR1;MPR300;MPRI
Accession No.	Uniprot:P11717GeneID:3482
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GeneID	3482
Calculated MW	274kDa
SDS-PAGE MW	274KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

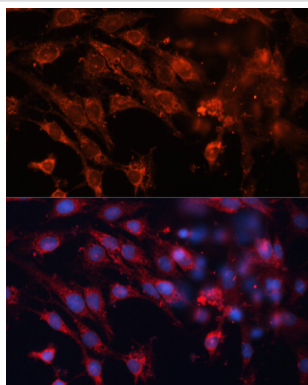
Application Details

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

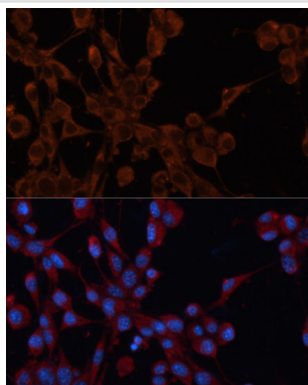
Images



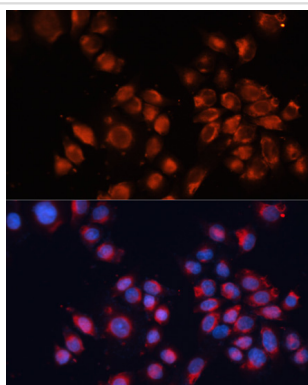
Western blot analysis of extracts of HepG2 cells, using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) antibody.



Immunofluorescence analysis of C6 cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) antibody.



Immunofluorescence analysis of NIH/3T3 cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) antibody.



Immunofluorescence analysis of HeLa cells using Cation-independent M6PR (Cation-independent M6PR (IGF2R)) antibody.

Background

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).

Note: This product is for in vitro research use only