

Rabbit IGF2R Polyclonal Antibody | anti-IGF2R antibody

IGF2R Polyclonal Antibody

CATALOG # AAA178695	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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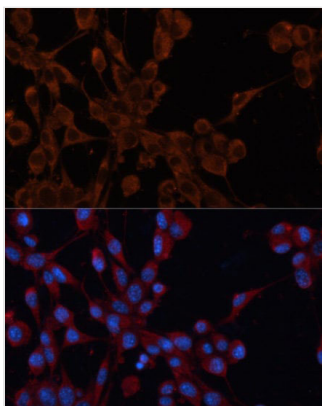
PRODUCT SYNONYMS

IGF2R; Polyclonal Antibody; IGF2R Polyclonal Antibody; CD222; CI-M6PR; CIMPR; M6P-R; M6P/IGF2R; MPR 300; MPR1; MPR300; MPRI; anti-IGF2R antibody

PRODUCT SPECIFICATIONS

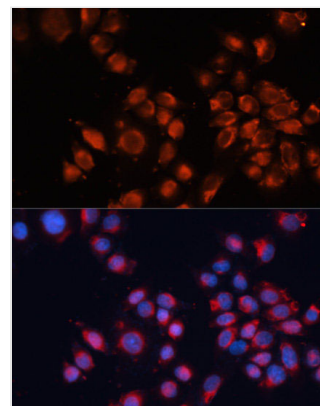
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IGF2R antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human IGF2R
Research Area	Cancer, Immunology, Signal transduction, Tags and Cell markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



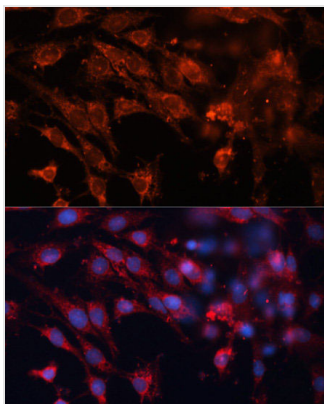
IF (Immunofluorescence)

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.



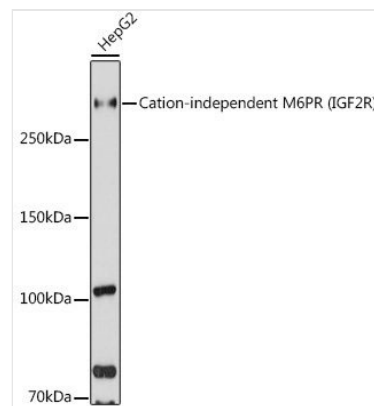
IF (Immunofluorescence)

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.



IF (Immunofluorescence)

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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IGF2R antibody	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).
Product Categories/Family for anti-IGF2R antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	119964726
NCBI GeneID	3482
NCBI Accession #	NP_000867.2
NCBI GenBank Nucleotide #	NM_000876.2
UniProt Accession #	P11717 ; Q7Z7G9 ; Q96PT5
Molecular Weight	274,375 Da
NCBI Official Full Name	cation-independent mannose-6-phosphate receptor
NCBI Official Synonym Full Names	insulin-like growth factor 2 receptor
NCBI Official Symbol	IGF2R
NCBI Official Synonym Symbols	MPR1; MPRI; CD222; CIMPR; M6P-R
NCBI Protein Information	cation-independent mannose-6-phosphate receptor; M6PR; CI-MPR; MPR 300; M6P/IGF2R; IGF-II receptor; M6P/IGF2 receptor; CI Man-6-P receptor; 300 kDa mannose 6-phosphate receptor; insulin-like growth factor II receptor; cation-independent mannose-6 phosphat
UniProt Protein Name	Cation-independent mannose-6-phosphate receptor
UniProt Gene Name	IGF2R
UniProt Synonym Gene Names	MPRI; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; IGF-II receptor; M6P/IGF2R
UniProt Entry Name	MPRI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/igf2r-antibody-immunofluorescence-western-blot-elisa/178695>