

Rabbit IGF2R (Phospho-Ser2409) Polyclonal Antibody | anti-IGF2R antibody

IGF2R (Phospho-Ser2409) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285594	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

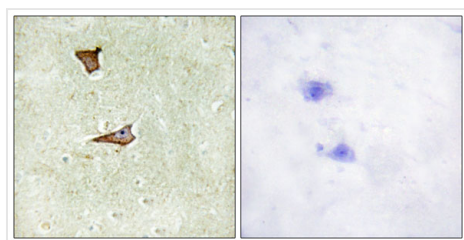
PRODUCT SYNONYMS

IGF2R (Phospho-Ser2409); Polyclonal Antibody; IGF2R (Phospho-Ser2409) Antibody; Cation-independent mannose-6-phosphate receptor; CI Man-6-P receptor; CI-MPR; M6PR; 300 kDa mannose 6-phosphate receptor; MPR 300; Insulin-like growth factor 2 receptor; Insulin-like growth factor II receptor; IGF-II receptor; M6P/IGF2 receptor; M6P/IGF2R; CD222; IGF2R; MPRI; anti-IGF2R antibody

PRODUCT SPECIFICATIONS

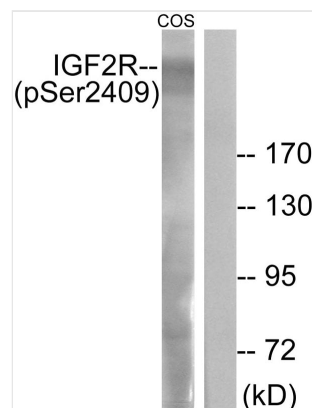
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2,491
Applicable Applications for anti-IGF2R antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	synthetic peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using IGF2R (Phospho-Ser2409) antibody.



WB (Western Blot)

Western blot analysis of extracts from COS-7 cells, treated with UV (15mins), using IGF2R (Phospho-Ser2409) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF2R antibody	Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6- phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.
Product Categories/Family for anti-IGF2R antibody	Phospho Antibodies
References	Morgan D.O.,et al.Nature 329:301-307(1987). Oshima A.,et al.J. Biol. Chem. 263:2553-2562(1988). Gemma A.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases. Killian J.K.,et al.Mamm. Genome 10:74-77(1999). Mungall A.J.,et al.Nature 425:805-811(2003).

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	274375
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
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.