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anti-IGF2R antibody (pSer2409)

2 Images



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Target:

Alternative Name:

Quantity:	100 μL
Target:	IGF2R
Binding Specificity:	pSer2409
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF2R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Peptide sequence around phosphorylation site of Serine 2409(Q-D-S(p)-E-D) derived from
	Human IGF2R.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH
	conjugates. Antibodies were purified by affinity-chromatography using epitope-specific
	phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Target Details	
Target Details	

IGF2R

IGF2R (IGF2R Products)

Target Details

Background:

Background:

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 prelyosomal 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.

Morgan D.O., Nature 329:301-307(1987).

Oshima A., J. Biol. Chem. 263:2553-2562(1988).

Killian J.K., Mamm. Genome 10:74-77(1999)

Aliases: 300 kDa mannose 6 phosphate receptor antibody, 300 kDa mannose 6-phosphate receptor antibody, Cation independent mannose 6 phosphate receptor antibody, Cation-independent mannose-6-phosphate receptor antibody, CD222 antibody, CD222 antigen antibody, CI Man 6 P receptor antibody, CI Man-6-P receptor antibody, CI MPR antibody, CI-MPR antibody, CI-MPR antibody, CI-MPR antibody, IGF 2 receptor antibody, IGF 2R antibody, IGF II receptor antibody, IGF2 receptor antibody, Igf2r antibody, Insulin like growth factor 2 receptor antibody, Insulin like growth factor II receptor antibody, Insulin-like growth factor 2 receptor antibody, Insulin-like growth factor II receptor antibody, M6P R antibody, M6P/IGF2 receptor antibody, M6P/IGF2R antibody, M6PR antibody, mannose 6 phosphate receptor, cation independent antibody, MPR 300 antibody, MPR300 antibody, MPRI antibody, MPRI_HUMAN antibody

UniProt:

P11717

Application Details

Application Notes: WB:1:500-1:1000, IHC:1:50-1:100,

Restrictions: For Research Use only

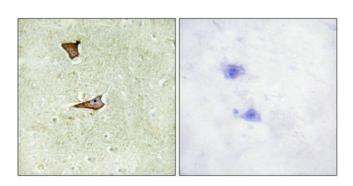
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide

Handling

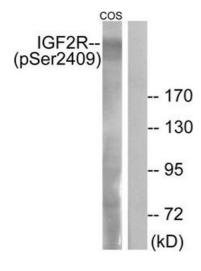
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human brain tissue using IGF2R (Phospho-Ser2409) antibody (left)or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from COS-7 cells treated with UV using IGF2R (Phospho-Ser2409) Antibody. The lane on the right is treated with the antigenspecific peptide.