

anti-Human, Mouse IGF2R Antibody | anti-IGF2R antibody

IGF2R (Phospho-Ser2409) Antibody

CATALOG # AAA109519	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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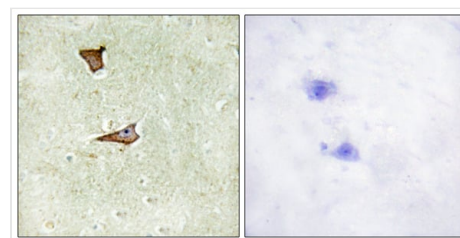
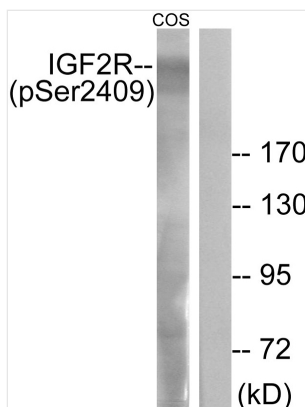
PRODUCT SYNONYMS

IGF2R; IGF2R (Phospho-Ser2409) Antibody; 300 kDa mannose 6-phosphate receptor; CD222 antigen; CI Man-6-P receptor; CI-MPR; MPR 300; MPR300; MPRI; cation-independent mannose-6-phosphate receptor; insulin-like growth factor 2 receptor; anti-IGF2R antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	IGF2R (Phospho-Ser2409) antibody detects endogenous levels of IGF2R only when phosphorylated at serine 2409.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2491
Applicable Applications for anti-IGF2R antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IGF2R around the phosphorylation site of serine 2409 (Q-D-SP-E-D).
All Sites	Human: Ser2409 Mouse: Ser2401
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF2R antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	119964726
NCBI GeneID	3482
NCBI Accession #	NP_000867.2
NCBI GenBank Nucleotide #	NM_000876.3
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; MPR300; CI-M6PR; MPR 300; M6P/IGF2R
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

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/human-mouse-antibody/igf2r/109519>