

Anti-Phospho-IGF2R (Ser2409) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 300 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human IGF2R around the phosphorylation site of Ser2409. AA range:2381-2430
Antigen Species:	Human
Uniprot ID:	P11717
Synonyms:	p-IGF2R (S2409);IGF2R (p-S2409);p-IGF2R (Ser2409);IGF2R (p-Ser2409)

Research Background

insulin like growth factor 2 receptor(IGF2R) Homo sapiens 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). [provided by RefSeq, Nov 2015],

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481