

IGF-IR (phospho Tyr1165/Y1166) Polyclonal Antibody

Catalog No: #13804



Package Size: #13804-1 50ul #13804-2 100ul

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Description

Product Name	IGF-IR (phospho Tyr1165/Y1166) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat,Monkey
Specificity	Phospho-IGF-IR (Y1165/Y1166) Polyclonal Antibody detects endogenous levels of IGF-IR protein only when phosphorylated at Y1165/Y1166.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1165/Tyr1166. AA range:1131-1180
Other Names	IGF1R; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor; IGF-I receptor; CD antigen CD221
Accession No.	Swiss Prot:P08069GeneID:3480
Uniprot	P08069
GeneID	3480
SDS-PAGE MW	156
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Background

insulin like growth factor 1 receptor(IGF1R) Homo sapiens This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014],

Note: This product is for in vitro research use only