

IGF1R (Phospho-Tyr1161) Antibody

Cat No.: ES8878

For research use only

Overview

Product Name IGF1R (Phospho-Tyr1161) Antibody

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA 1:10000-20000

Immunogen Synthesized phospho derived from human IGF1R

(Phospho-Tyr1161)

Specificity This detects endogenous levels of IGF1R

(Phospho-Tyr1161)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Insulin-like growth factor 1 receptor (EC 2.7.10.1)

(Insulin-like growth factor I receptor) (IGF-I receptor)

(CD antigen CD221) [Cleaved into: Insulin-like growth factor 1 receptor alpha chain; Insuli

Gene Name IGF1R

Cellular localization Cell membrane ; Single-pass type I membrane

protein

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band pro: 155kD, recetor beta: 95kD

Human Gene ID 3480 Human Swiss-Prot Number P08069

Alternative Names Insulin-like growth factor 1 receptor (EC 2.7.10.1)

(Insulin-like growth factor I receptor) (IGF-I receptor)

(CD antigen CD221) [Cleaved into: Insulin-like growth factor 1 receptor alpha chain; Insulin-like

growth factor 1 receptor beta chain]

Background This receptor binds insulin-like growth factor with a

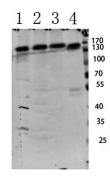


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high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues 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],

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



1 customer's

2 3T3

3 CACO2

4 mouse-liver



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