

Datasheet for ABIN802235

anti-IGF1R antibody (pTyr1165, pTyr1166) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	pTyr1165, pTyr1166
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1R antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human IGF1R around the phosphorylation site of Tyr1165+Tyr1166
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	IGF1R
Alternative Name:	IGF1R + (IGF1R Products)

Target Details

Background:	Synonyms: IGF-1R Tyr1165/Tyr1166, IGF1R phospho Y1165+Y1166, IGF1R phospho Tyr1165+Tyr1166, p-IGF1R Tyr1165+Tyr1166, CD221, CD221 antigen, IGF 1 receptor, IGF 1R, IGF I receptor, IGF1R, IGFIIR, IGFIIR, Insulin like growth factor 1 receptor, Insulin like growth factor 1 receptor precursor, JTK13, MGC142170, MGC142172, IGF1 Receptor, IGF1R_HUMAN. Background: 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. [provided by RefSeq, Jul 2008].
Gene ID:	3480
UniProt:	P08069
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Application Notes:	ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months