

Datasheet for ABIN1531870
anti-IGF1R antibody (pTyr1161)



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2 Images

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	AA 1131-1180, pTyr1161
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1161.
Isotype:	IgG
Specificity:	IGF1R (Phospho-Tyr1161) Antibody detects endogenous levels of IGF1R only when phosphorylated at Tyr1161. PhosphorylationH:Y1161/Y1185 M:Y1163/Y1175 R:Y1162/Y1186
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

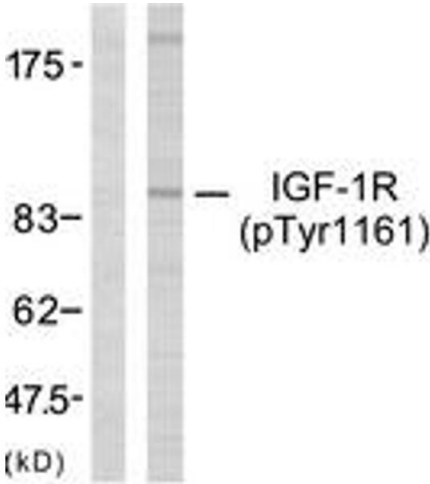
Target:	IGF1R
Alternative Name:	IGF1R (IGF1R Products)
Background:	Synonyms: CD221, IGF1R, Insulin-like growth factor I receptor precursor, kinase IGF1R NCBI Gene Symbol: IGF1R
Molecular Weight:	154 kDa
Gene ID:	3480
OMIM:	147370
UniProt:	P08069 , P06213
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.643120, Hs.653608, Hs.714012, Hs.465744 (NCBI Gene Symbol: IGF1R)
Restrictions:	For Research Use only

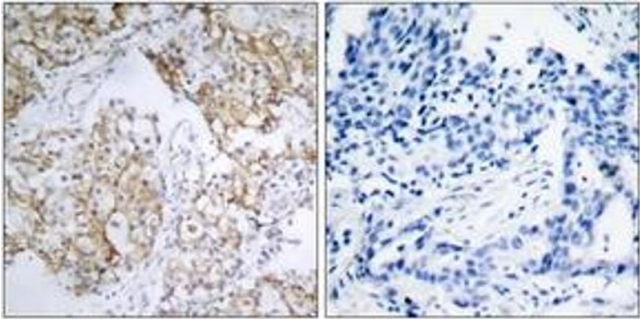
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide 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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with Insulin, using IGF1R (Phospho-Tyr1161) Antibody. The lane on the left is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using IGF1R (Phospho-Tyr1161) Antibody. The picture on the right is treated with the synthesized peptide.