

Datasheet for ABIN7299784

anti-IGF1R antibody (C-Term, pTyr1161)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	C-Term, pTyr1161
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF1R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IGF1 Receptor.
Specificity:	Recognizes endogenous levels of IGF1 Receptor (pY1161) protein.
Characteristics:	Rabbit polyclonal antibody to IGF1 Receptor (pY1161)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	IGF1R
Alternative Name:	IGF1 Receptor (IGF1R Products)

Target Details

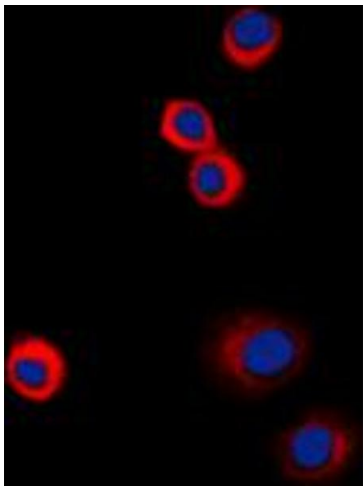
Background:	IGF1R, Insulin-like growth factor 1 receptor, Insulin-like growth factor I receptor, IGF-I receptor, CD221, INSR, Insulin receptor, IR, CD220
Gene ID:	3480, 3643, 16001
UniProt:	P08069 , P06213 , Q60751 , P15208 , P24062 , P15127
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)
Restrictions:	For Research Use only

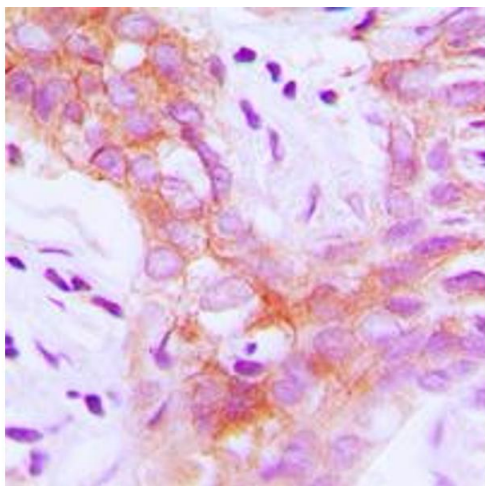
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



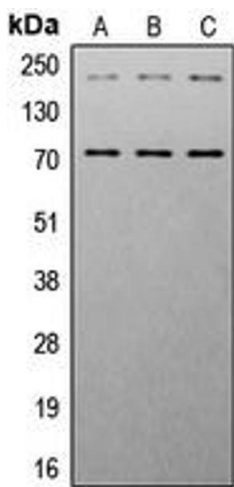
Immunofluorescence

Image 1. Immunofluorescent analysis of IGF1 Receptor (pY1161) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 2. Immunohistochemical analysis of IGF1 Receptor (pY1161) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 3. Western blot analysis of IGF1 Receptor (pY1161) expression in HeLa (A), NIH3T3 (B), mouse heart (C) whole cell lysates.