

Product name:	Phospho-IGF1 Receptor (Tyr1165/Tyr1166) Rabbit Polyclonal Antibody
Cat number:	ABN00790
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human IGF1R around the phosphorylation site of Tyr1165/Tyr1166. AA range:1131-1180
Reactivity:	Human,Mouse,Rat,Monkey
Applications:	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	Calculated MW: 155 kDa; Observed MW: 155 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]