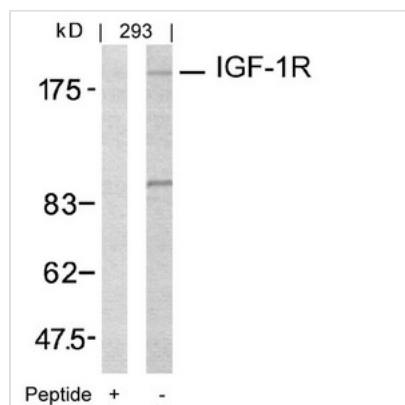


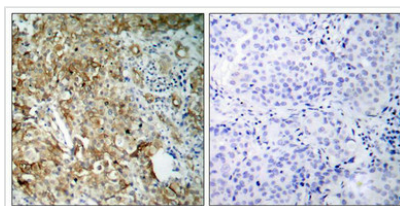
IGF1R (Ab-1161) Antibody

Product Code	CSB-PA067618
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08069
Immunogen	Peptide sequence around aa.1159~1163 (D-I-Y-E-T) derived from Human IGF-1R .
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total IGF-1R protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	This receptor binds insulin-like growth factor 1 (IGF1) with a high affinity and IGF2 with a lower affinity. It has a tyrosine-protein kinase activity, which is necessary for the activation of the IGF1-stimulated downstream signaling cascade. When present in a hybrid receptor with INSR, binds IGF1. Li S, et al. (1994) J Biol Chem; 269(51). Hernandez-Sanchez C, et al. (1995) J Biol Chem.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	Insulin-like growth factor I receptor; CD221; IGF1R; kinase IGF1R;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	IGF1R

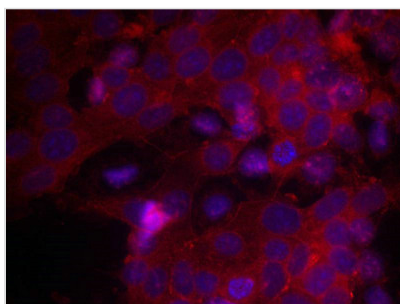
Image



Western blot analysis of extracts from 293 cells using IGF-1R(Ab-1161) Antibody and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IGF-1R(Ab-1161) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF cells using IGF-1R(Ab-1161) Antibody.