Product Datasheet

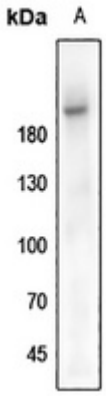
IGF1 Receptor (Phospho-Y1161) Rabbit Polyclonal Antibody (orb393078)

Catalog Number	orb393078
Category	Antibodies
Description	The IGF1 Receptor (Phospho-Y1161) Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y1161 of human IGF1 Receptor protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	IGF1R
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Gallus, Human, Mouse, Rat, Zebrafish
Form/Appearance	Liquid
Concentration	1 mg/ml
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y1161 of human IGF1 Receptor protein. The exact sequence is proprietary.

Biorbyt Ltd.
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

UniProt ID	**P24062**, **Q60751**, **P08069**, **P15127**, **P06213**, **P15208**
Tested applications	IF, IHC, WB
Dilution range	WB: 1:500 - 1000, IHC-P: 1:100 - 200, IF/ICC: 1:100 - 500
Specificity	Recognizes endogenous levels of IGF1 Receptor protein only when phosphorylated at Y1161.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	**25718**, **16337**, **16001**, **3480**
Expiration Date	12 months from date of receipt.



Western blot analysis of IGF1 Receptor (Phospho-Y1161) expression in zebrafish (A) whole cell lysates. (Predicted band size: 154; 156 kD; Observed band size: 200 kD)

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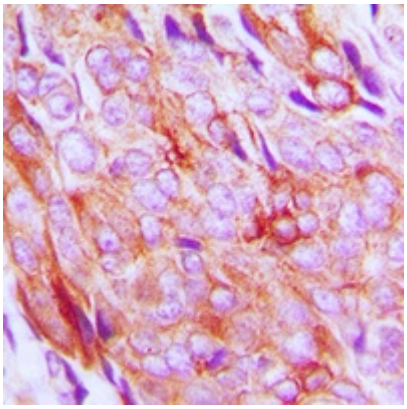
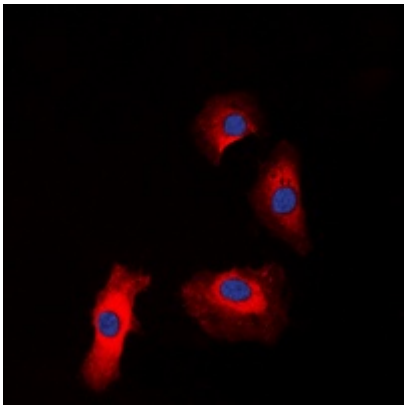


Immunohistochemical analysis of IGF1 Receptor (Phospho-Y1161) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody 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.



Immunofluorescent analysis of IGF1 Receptor (Phospho-Y1161) 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 hidified 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).

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