

## Rabbit IGF-IR Polyclonal Antibody | anti-IGF-IR antibody

IGF-IR (Phospho-Tyr1161) Rabbit Polyclonal Antibody

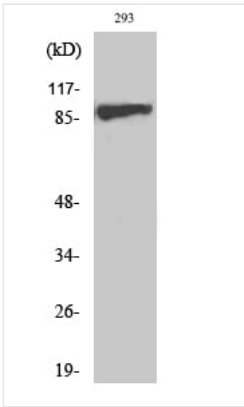
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                       |
|-----------|--------|-------------------|------------------------------------------------------------------------------------|
| AAA30743  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA |

### PRODUCT SYNONYMS

IGF-IR; Polyclonal Antibody; IGF-IR (Phospho-Tyr1161) Rabbit Polyclonal Antibody; IGF1R; Insulin-like growth factor 1 receptor; Insulin-like growth factor I receptor; IGF-I receptor; CD antigen CD221; INSR; Insulin receptor; IR; CD antigen CD220; BH6842; anti-IGF-IR antibody

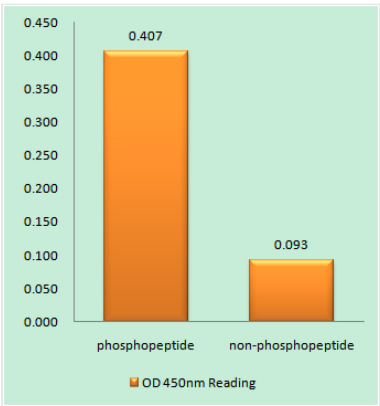
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                                                         |
| Clonality                                        | Polyclonal                                                                                                                |
| Specificity                                      | Phospho-IGF-IR (Y1161) Polyclonal Antibody detects endogenous levels of IGF-IR protein only when phosphorylated at Y1161. |
| Purity/Purification                              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     |
| Form/Format                                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                   |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                    |
| Applicable Applications for anti-IGF-IR antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA                  |
| Application Notes                                | WB: 1/500-1/2000<br>IHC: 1/100-1/300<br>IF: 1/200-1/1000<br>ELISA: 1/40000                                                |
| Immunogen                                        | Synthesized phospho-peptide around the phosphorylation site of human IGF-IR (phospho Tyr1161)                             |
| Modification                                     | Phospho Specific                                                                                                          |
| Preparation and Storage                          | Store at -20 degree C/1 year                                                                                              |



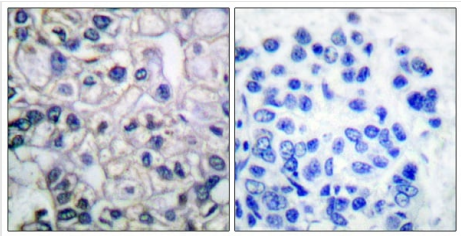
WB (Western Blot)

Western Blot analysis of various cells using Phospho-IGF-IR (Y1161) Polyclonal Antibody diluted at 1:500



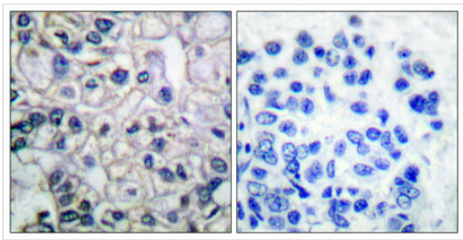
ELISA

Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IGF1R (Phospho-Tyr1161) Antibody



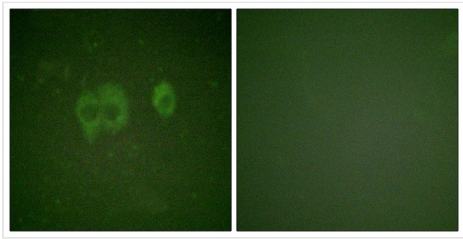
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer, using IGF1R (Phospho-Tyr1161) Antibody. The picture on the right is blocked with the IGF1R (Phospho-Tyr1161) peptide.



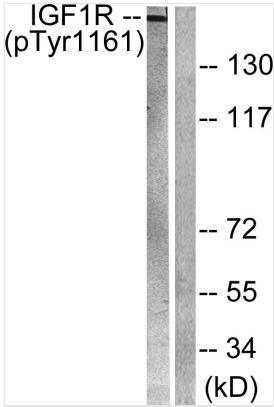
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HuvEc cell, using IGF1R (Phospho-Tyr1161) Antibody. The lane on the right is blocked with the IGF1R (Phospho-Tyr1161) peptide.



WB (Western Blot)

Western blot analysis of IGF1R (Phospho-Tyr1161) Antibody. The lane on the right is blocked with the IGF1R (Phospho-Tyr1161) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF-IR antibody

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]

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557665                                                                                                                                        |
| NCBI GeneID                      | 3480                                                                                                                                           |
| NCBI Accession #                 | NP_000866.1                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000875.3                                                                                                                                    |
| UniProt Accession #              | P08069; P06213                                                                                                                                 |
| Molecular Weight                 | 154,793 Da                                                                                                                                     |
| NCBI Official Full Name          | insulin-like growth factor 1 receptor                                                                                                          |
| NCBI Official Synonym Full Names | insulin-like growth factor 1 receptor                                                                                                          |
| NCBI Official Symbol             | IGF1R                                                                                                                                          |
| NCBI Official Synonym Symbols    | IGFR; CD221; IGFI; JTK13                                                                                                                       |
| NCBI Protein Information         | insulin-like growth factor 1 receptor; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I receptor |
| UniProt Protein Name             | Insulin-like growth factor 1 receptor                                                                                                          |
| UniProt Gene Name                | IGF1R                                                                                                                                          |
| UniProt Synonym Gene Names       | IGF-I receptor                                                                                                                                 |
| UniProt Entry Name               | IGF1R_HUMAN                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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