

IR Antibody | anti-IR antibody

IR (Phospho-Tyr1361) Antibody

CATALOG # AAA267430	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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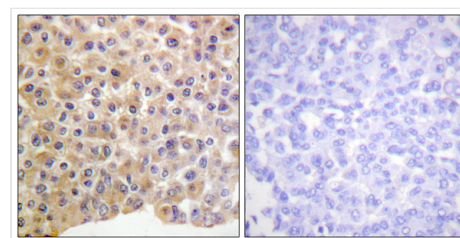
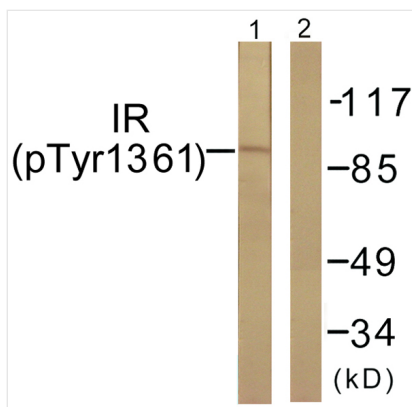
PRODUCT SYNONYMS

IR; IR (Phospho-Tyr1361) Antibody; CD220 antigen; EC 2.7.10.1; insulin receptor; kinase InsR; anti-IR antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IR (Phospho-Tyr1361) antibody detects endogenous levels of IR only when phosphorylated at tyrosine 1361.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1382
Applicable Applications for anti-IR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IR around the phosphorylation site of tyrosine 1361 (I-P-YP-T-H).
All Sites	Human: Tyr1361 Mouse: Tyr1351 Rat: Tyr1362
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using IR (Phospho-Tyr1361) antibody. Western blot analysis of extracts from 293 cells, treated with Heat shock, using IR (Phospho-Tyr1361) antibody.

ADDITIONAL INFORMATION

References	Laura Sciacca, Endocrinology, Jun 2003; 144: 2650. Mark Westcott, Asia Pacific Journal of Human Resources, Aug 2003; 41: 172-189. Adam Denley, Mol. Endocrinol., Oct 2004; 18: 2502-2512. Rita Slaaby, J. Biol. Chem., Sep 2006; 281: 25869-25874.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119395736
NCBI GeneID	3643
NCBI Accession #	NP_000199.2
NCBI GenBank Nucleotide #	NM_000208.3
UniProt Accession #	P06213; Q17RW0; Q59H98; Q9UCB7; Q9UCB8; Q9UCB9
Molecular Weight	155,146 Da
NCBI Official Full Name	insulin receptor isoform Long preproprotein
NCBI Official Synonym Full Names	insulin receptor
NCBI Official Symbol	INSR
NCBI Official Synonym Symbols	HHF5; CD220
NCBI Protein Information	insulin receptor
UniProt Protein Name	Insulin receptor
UniProt Gene Name	INSR
UniProt Synonym Gene Names	IR

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.