

## Product datasheet for **TA392914S**

### Insulin Receptor (INSR) Rabbit Polyclonal Antibody

#### Product data:

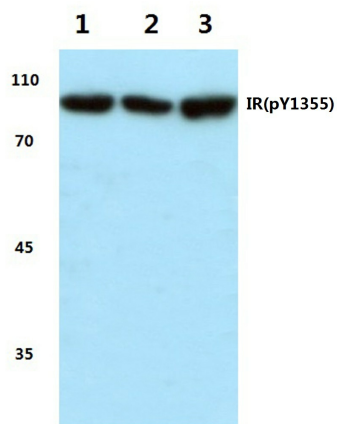
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human Insulin Receptor around the phosphorylation site of Tyrosine 1355.
Specificity:	p-Insulin Receptor (Y1355) polyclonal antibody detects endogenous levels of Insulin Receptor protein only when phosphorylated at Tyr1355.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 156 kDa
Gene Name:	insulin receptor
Database Link:	<a href="#">Entrez Gene 3643 Human P06213</a>
Background:	The insulin receptor (IR) is a heterodimeric protein complex that has an intracellular $\beta$ subunit and an extracellular $\alpha$ subunit, which is disulfide- linked to a transmembrane segment. The insulin ligand binds to the IR and initiates molecular signaling pathways that promote glucose uptake in cells and glycogen synthesis. Insulin binding to IR induces phosphorylation of intracellular tyrosine kinase domains and recruitment of multiple SH2 and SH3 domain-containing intracellular proteins that serve as signaling intermediates for pleiotropic effects of insulin.
Synonyms:	CD220; INSR; Insulin receptor; IR



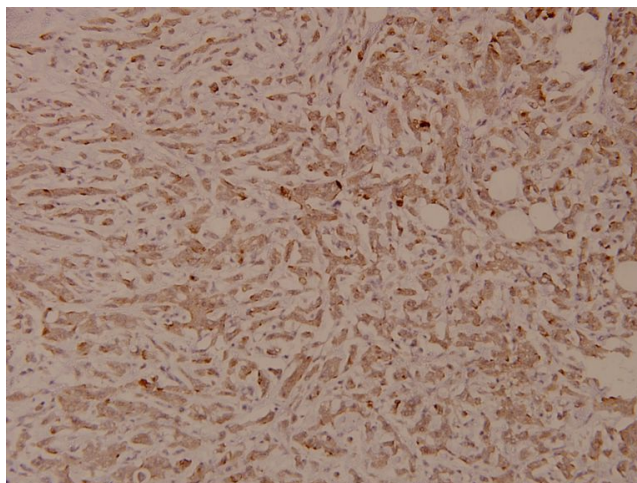
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Note: For research use only, not for use in diagnostic procedure.

### Product images:



Western blot (WB) analysis of p-Insulin Receptor (Y1355) pAb at 1:500 dilution Lane1:H1792 whole cell lysate(40ug) Lane2:HepG2 whole cell lysate(40ug) Lane3:A549 whole cell lysate(40ug) Lane4:L02 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-Insulin Receptor (Y1355) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.