

Rabbit anti-Human, Mouse INSRR Polyclonal Antibody | anti-INSRR antibody

INSRR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327273	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

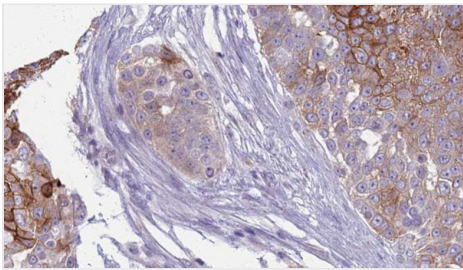
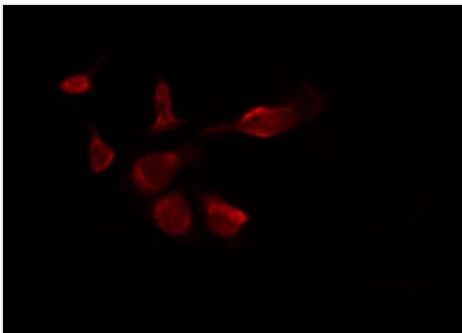
PRODUCT SYNONYMS

INSRR; Polyclonal Antibody; INSRR Antibody; INSRR_HUMAN; Insulin receptor related receptor precursor; Insulin receptor-related protein alpha chain; Insulin receptor-related protein beta chain; insulin receptor-related receptor; IR R; IR related receptor; IR-related receptor; IRR; Sir r; Sirr; anti-INSRR antibody

PRODUCT SPECIFICATIONS

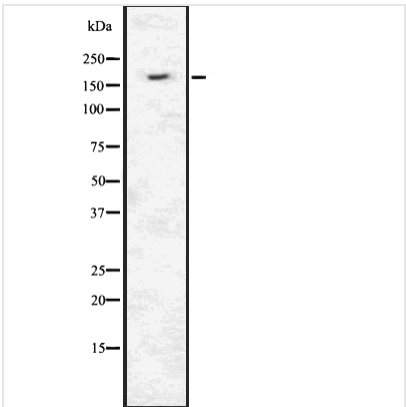
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	INSRR antibody detects endogenous levels of total INSRR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1297
Applicable Applications for anti-INSRR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human INSRR
Predicted Cross Reactivity	Pig, Bovine, Rabbit, Dog
Similarity	Pig (88%), Bovine (88%), Rabbit (100%), Dog (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327273 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

IF (Immunofluorescence)
AAA327273 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of INSRR using K562 whole lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-INSRR antibody	Function: Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB. Subunit Structure: Probable tetramer of 2 alpha and 2 beta chains linked by disulfide bonds. The alpha chains contribute to the formation of the ligand-binding domain, while the beta chains carry the kinase domain. Post-translational Modifications: Autophosphorylated on tyrosine residues between pH 7.9 and pH 10.5. Similarity: The extracellular domain is required for sensing alterations in external pH. Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31657140
NCBI GeneID	3645
NCBI Accession #	NP_055030.1
NCBI GenBank Nucleotide #	NM_014215.2
UniProt Accession #	P14616; O60724; Q5VZS3
Molecular Weight	Observed: 155 kDa Predicted: 144 kDa
NCBI Official Full Name	insulin receptor-related protein

NCBI Official Synonym Full Names	insulin receptor related receptor
NCBI Official Symbol	INSRR
NCBI Official Synonym Symbols	IRR
NCBI Protein Information	insulin receptor-related protein
UniProt Protein Name	Insulin receptor-related protein
UniProt Gene Name	INSRR
UniProt Synonym Gene Names	IRR; IRR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/insrr-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327273>