

Rabbit INSR Polyclonal Antibody | anti-INSR antibody

INSR antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198880	Rabbit	HumanPredicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

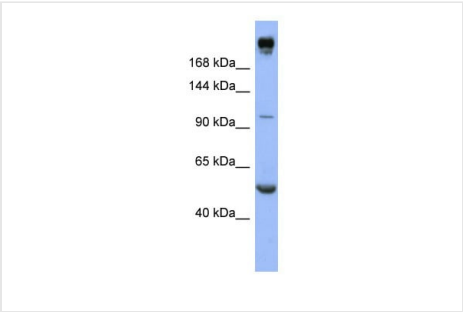
PRODUCT SYNONYMS

INSR; Polyclonal Antibody; INSR antibody - middle region; anti-INSR antibody

PRODUCT SPECIFICATIONS

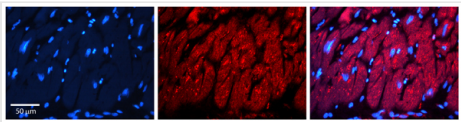
Host	Rabbit
Reactivity	Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: EN NVVHLMWQEP KEPNGLIVLY EVSYRRYGDE ELHLCVSRKH FALERGCR
Sequence Length	1382
Applicable Applications for anti-INSR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human INSR
Protein Size	1382 amino acids
Protein Interactions	KRT31; UBC; ARRB2; MOK; Grb2; Hgf; DOK1; SH2B1; Stat5b; TEAD1; STAT5A; JAK2; JAK1; IRS1; IRF7; PLCG1; GRB10; Socs6; Socs1; SOCS3; SH2B2; HGS; INPPL1; Calmodulin; Mad211; KRT27; DOK5; DOK4; SNX6; SNX4; SNX2; ACP1; PTPN2; SYNCRIP; FRS2; PIK3R3; VAV3; ARHGAP
Preparation and Storage	For short term use, store at 2-8°C. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



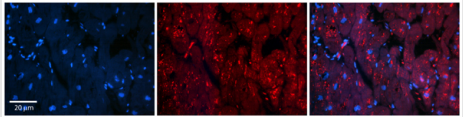
WB (Western Blot)

WB Suggested Anti-INSR Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: HT1080 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-INSR AntibodyCatalog Number: AAA198880Formalin Fixed Paraffin Embedded Tissue: Human Heart TissueObserved Staining: CytoplasmicPrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20X.Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-INSR AntibodyCatalog Number: AAA198880Formalin Fixed Paraffin Embedded Tissue: Human Heart TissueObserved Staining: Cytoplasm in cardiomyocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-INSR antibody	This is a rabbit polyclonal antibody against INSR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This receptor binds insulin and has a tyrosine-protein kinase activity. Isoform Short has a higher affinity for insulin. INSR mediates the metabolic functions of insulin. INSR binding to insulin stimulates association of the receptor with downstream media
Product Categories/Family for anti-INSR antibody	Polyclonal; Signal Proteins; Membrane Protein; Transcription Regulation; Drugs and Drug Metabolism; Signal Transduction; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker; Receptors; GPCR; Phosphorylation; Transcription Factors; Cell Differentia

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395736
NCBI GeneID	3643
NCBI Accession #	NP_000199
NCBI GenBank Nucleotide #	NM_000208
UniProt Accession #	P06213
Molecular Weight	154kDa
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
UniProt Entry Name	INSR_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/insr-antibody-immunohistochemistry-western-blot-elisa/198880>