

Goat Insulin Polyclonal Antibody | anti-INS antibody

Insulin Polyclonal Antibody

CATALOG # AAA63118	HOST Goat	REACTIVITY Human, Rat, Mouse, Canine, and Monkey proteins.	APPLICATIONS Western Blot
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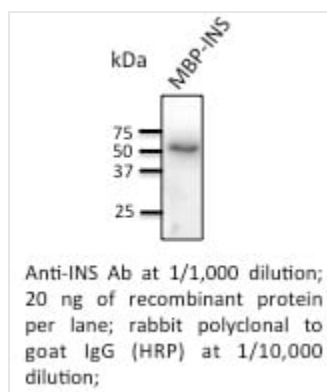
PRODUCT SYNONYMS

Insulin; Polyclonal Antibody; Insulin Polyclonal Antibody; Anti-INS; IDDM; IDDM1; IDDM2; ILPR; IRDN; MODY10 antibody; anti-INS antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Rat, Mouse, Canine, and Monkey proteins.
Clonality	Polyclonal
Isotype	IgG
Specificity	Gives a positive signal using MBP-Insulin recombinant fusion protein by WB.
Purity/Purification	Epitope Affinity Purified
Form/Format	Polyclonal antibody supplied as a 200 ul (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	3 mg/ml (varies by lot)
Sequence Positions	MFVNQHLCGSHLVEALYLVCGERGFFYTPKTGIVEQCCTSICSLYQLENYCN
Sequence Length	110
Applicable Applications for anti-INS antibody	WB (Western Blot)
Immunogen	Recombinant human Insulin produced in E Coli as a fusion protein.
Preparation and Storage	Long-term storage: Store at -20 degree C. Short term storage: Store at 2-8 degree C for up to one month. Avoid freeze/thaw cycles.

IMAGES



Reactivity chart				
Sample	Western Blot	Immunofluorescence	Immunohistochemistry (p)	Immunohistochemistry (f)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

Reactivity Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-INS antibody	Goat polyclonal to Insulin. Insulin is a 6 kDa peptide, first synthesized as a precursor molecule, preproinsulin which is then processed into proinsulin and finally to the mature insulin. An increase in blood glucose levels during stimulates insulin release from pancreatic β cells. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386828
NCBI GeneID	3630
NCBI Official Full Name	insulin
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Official Synonym Symbols	IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_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.