

For Research Use Only

INSR Polyclonal antibody

Catalog Number: 20433-1-AP **26 Publications**



Basic Information

Catalog Number: 20433-1-AP	GenBank Accession Number: BC117172	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 3643	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: INSR	
Isotype: IgG	Calculated MW: 1382 aa, 156 kDa	
Immunogen Catalog Number: AG13922	Observed MW: 190 kDa, 135 kDa, 95 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, MCF-7 cells, HT-1080 cells, HeLa cells IP : HeLa cells,
Cited Applications: CoIP, Dot blot, IHC, WB	
Species Specificity: human	
Cited Species: human, rat, mouse, fish, zebrafish, pig	

Background Information

The biological effects of INS are mediated by a membrane-spanning cell surface receptor that has been shown to consist of disulfide-linked alpha-subunits (135 kDa) and beta-subunits (95 kDa) that are cleaved products of a common precursor. The binding of INS to the receptor extracellular domain results in intracellular activation of a tyrosine-specific kinase activity and the generation of signals that determine the cellular response (PMID: 2369896). This antibody raised against 980-1382aa of human INS receptor can recognize full-length INS receptor precursor and INS receptor beta subunit.

Notable Publications

Author	Pubmed ID	Journal	Application
Takashi Hara	36130217	Biosci Biotechnol Biochem	WB
Yu Bai	34603025	Front Pharmacol	WB,CoIP
Si-Lan Han	33245450	Fish Physiol Biochem	WB

Storage

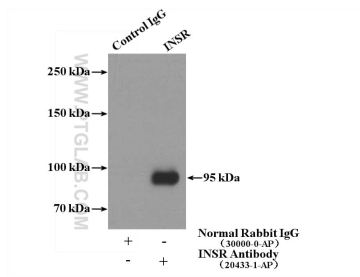
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

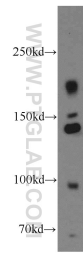
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP Result of anti-INSR (IP:20433-1-AP, 4 μ g;
Detection:20433-1-AP 1:500) with HeLa cells lysate
1600 μ g.



HEK-293 cells were subjected to SDS PAGE
followed by western blot with 20433-1-AP (INSR
antibody) at dilution of 1:500 incubated at room
temperature for 1.5 hours.