Rabbit IRS2 Polyclonal Antibody | anti-IRS2 antibody

Phospho-IRS2 (Ser1100) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329878	**Rabbit**	**Human, MousePredicted Reactivity: Dog (89%)**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

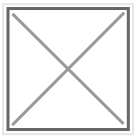
PRODUCT SYNONYMS

IRS2; Polyclonal Antibody; Phospho-IRS2 (Ser1100) Antibody; Insulin receptor substrate 2; IRS 2; IRS-2; Irs2; IRS2_HUMAN; anti-IRS2 antibody

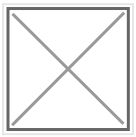
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Dog (89%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-IRS2 (Ser1100) Antibody detects endogenous levels of IRS2 only when phosphorylated at Ser1100.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IRS2 antibody	ELISA (Peptide ELISA), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IRS2 around the phosphorylation site of Ser1100.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Interacts with PHIP.
Subcellular Location	Cytoplasm>Cytosol.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

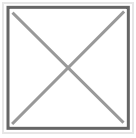
IMAGES



Application Data
At 25 degree C. Samples were then incubated with primary Ab(At 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.The nuclear counter stain is DAPI (blue).



IHC (Immunohiostchemistry)
Staining Human pancreatic cancer 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 primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis IRS2 (Phospho-Ser1100) using Mouse brain tissue lysates.-/+ means absence or presence of N peptideï¼ˆnon-phospho peptide) and P peptide(phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-IRS2 antibody	May mediate the control of various cellular processes by insulin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38683860
NCBI GeneID	8660
NCBI Accession #	NP_003740.2
NCBI GenBank Nucleotide #	NM_003749.2
UniProt Accession #	Q9Y4H2; Q96RR2; Q9BZG0; Q9Y6I5
Molecular Weight	137,334 Da
NCBI Official Full Name	insulin receptor substrate 2
NCBI Official Synonym Full Names	insulin receptor substrate 2
NCBI Official Symbol	IRS2
NCBI Official Synonym Symbols	IRS-2
NCBI Protein Information	insulin receptor substrate 2
UniProt Protein Name	Insulin receptor substrate 2
UniProt Gene Name	**IRS2**
UniProt Synonym Gene Names	IRS-2
UniProt Entry Name	IRS2_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/irs2-antibody-peptide-elisa-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/329878