Rabbit anti-Mouse, Rat Insulin Receptor Substrate 4 Polyclonal Antibody | anti-IRS4 antibody

Polyclonal Antibody to Insulin Receptor Substrate 4 (IRS4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145795	**Rabbit**	**Mouse, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Insulin Receptor Substrate 4; Polyclonal Antibody; Polyclonal Antibody to Insulin Receptor Substrate 4 (IRS4); PY160; pp160; 160 kDa phosphotyrosine protein; Phosphoprotein of 160 kDa; anti-IRS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against IRS4. It has been selected for its ability to recognize IRS4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	1257
Applicable Applications for anti-IRS4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	IRS4 (Met1~Arg299)
Conjugate	No Conjugate
Cross Reactivity	Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant IRS4 (Met1~Arg299) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331138
NCBI GeneID	16370
NCBI Accession #	NP_034702.2
NCBI GenBank Nucleotide #	NM_010572.2
UniProt Accession #	Q9Z0Y7; Q8BRB9; A2BHF6
Molecular Weight	130,147 Da
NCBI Official Full Name	insulin receptor substrate 4
NCBI Official Synonym Full Names	insulin receptor substrate 4
NCBI Official Symbol	Irs4
NCBI Official Synonym Symbols	IRS-4
NCBI Protein Information	insulin receptor substrate 4
UniProt Protein Name	Insulin receptor substrate 4
UniProt Gene Name	**Irs4**
UniProt Synonym Gene Names	IRS-4; pp160

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/insulin-receptor-substrate-4-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145795