

Product datasheet for TA377578S

IRS1 Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

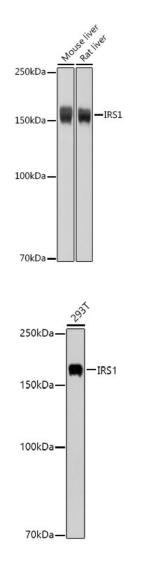
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Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:1000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human IRS1
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	131kDa
Gene Name:	insulin receptor substrate 1
Database Link:	<u>Entrez Gene 3667 Human</u> <u>P35568</u>
Background:	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.
Synonyms:	HIRS-1; IRS-1



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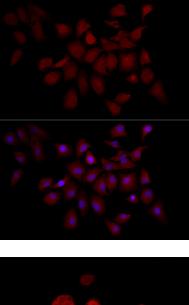
Product images:



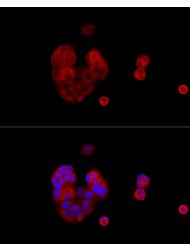
Western blot analysis of extracts of various cell lines, using IRS1 antibody ([TA377578]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 1s.

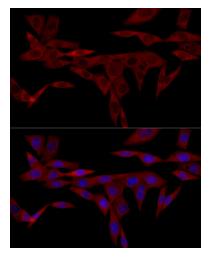
Western blot analysis of extracts of 293T cells, using IRS1 antibody ([TA377578]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 10s.

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Immunofluorescence analysis of A-549 cells using IRS1 Rabbit pAb ([TA377578]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



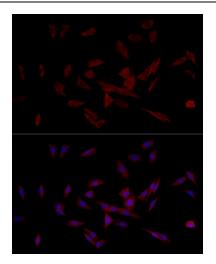


Immunofluorescence analysis of MCF7 cells using IRS1 Rabbit pAb ([TA377578]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.

Immunofluorescence analysis of NIH/3T3 cells using IRS1 Rabbit pAb ([TA377578]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.

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Immunofluorescence analysis of PC-12 cells using IRS1 Rabbit pAb ([TA377578]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.

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