

Anti-IRS1 (Phospho-S1101) Antibody

Catalog #	Source	Reactivity	Applications
CPA1608	Rabbit	H, M, R, Mk, P	WB, IH
Description	Rabbit polyclonal antibody to IRS1 (Phospho-S1101)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S1101 of human IRS1 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of IRS1 protein only when phosphorylated at S1101.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	IRS1		
Alternative Names	Insulin receptor substrate 1; IRS-1		
Entrez Gene	3667 (Human); 16367 (Mouse); 25467 (Rat)		
SwissProt	P35568 (Human); P35569 (Mouse); P35570 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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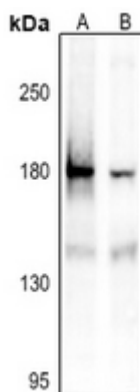
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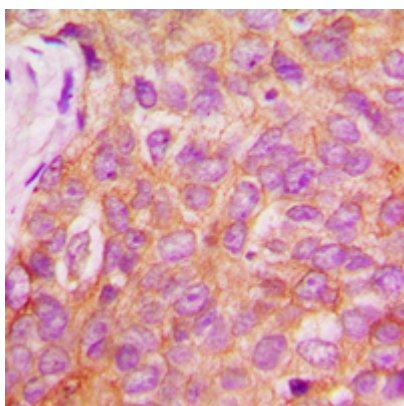
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Product Data Sheet



Western blot analysis of IRS1 (Phospho-S1101) expression in A375 (A), HEK293T (B) whole cell lysates. (Predicted band size: 131 kD; Observed band size: 180 kD)



Immunohistochemical analysis of IRS1 (Phospho-S1101) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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