

Product Data Sheet

Anti-Insulin Receptor (pY1355) Antibody

Catalog #	Source	Reactivity	Applications
CPA4440	Rabbit	H, M, R, Mk	WB, IH
Description	Rabbit polyclonal antibody to Insulin Receptor (pY1355)		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Insulin Receptor (pY1355). The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Insulin Receptor (pY1355) protein.		
Clonality	Polyclonal		
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	INSR		
Alternative Names	Insulin receptor; IR; CD220		
Entrez Gene	3643 (Human); 16337 (Mouse)		
SwissProt	P06213 (Human); P15208 (Mouse); P15127 (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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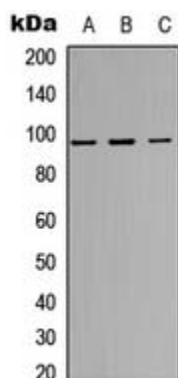
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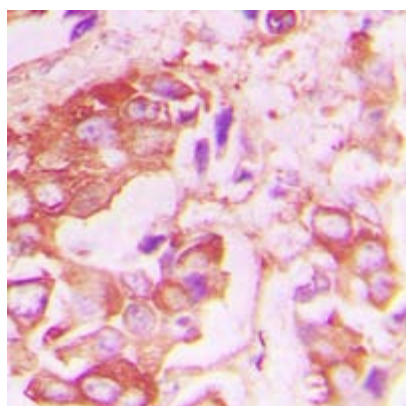
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Western blot analysis of Insulin Receptor (pY1355) expression in HeLa insulin-treated (A), mouse brain (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of Insulin Receptor (pY1355) staining in human lung 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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