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INSRR Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20928a

Product Information

Application	WB, E
Primary Accession	P14616
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50837
Calculated MW	143720

Additional Information

Gene ID	3645
Other Names	Insulin receptor-related protein, IRR, IR-related receptor, Insulin receptor-related protein alpha chain, Insulin receptor-related protein beta chain, INSRR, IRR
Target/Specificity	This INSRR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 668-702 amino acids from the Central region of human INSRR.
Dilution	WB~~1:4000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	INSRR Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	INSRR
Synonyms	IRR
Function	Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an

intracellular signaling pathway that involves IRS1 and AKT1/PKB.

Cellular Location Membrane; Single-pass type I membrane protein.

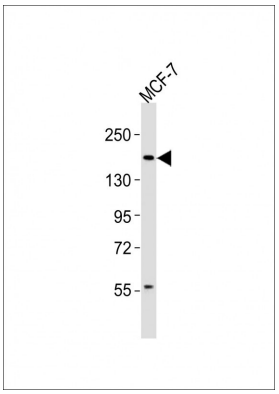
Background

Receptor with tyrosine-protein kinase activity. Functions as a pH sensing receptor which is activated by increased extracellular pH. Activates an intracellular signaling pathway that involves IRS1 and AKT1/PKB.

References

Haenze J.,et al.Horm. Metab. Res. 31:77-79(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Shier P.,et al.J. Biol. Chem. 264:14605-14608(1989).
Greenman C.,et al.Nature 446:153-158(2007).

Images



Anti-INSRR Antibody (Center) at 1:4000 dilution + MCF-7 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 144 kDa Blocking/Dilution buffer: 5% NFDM/TBST.