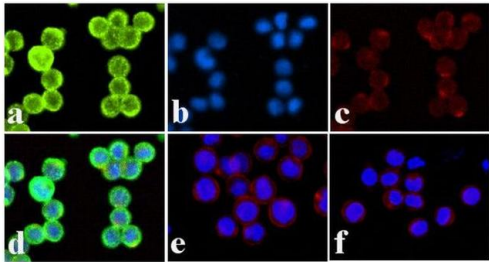


Phospho-INSR (Tyr1328) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human Insulin Receptor that contains tyrosine 1328.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533764

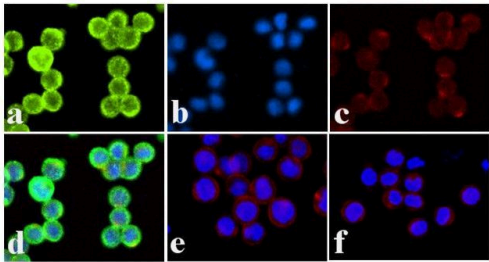
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:250	-

Product Images For Phospho-INSR (Tyr1328) Polyclonal Antibody



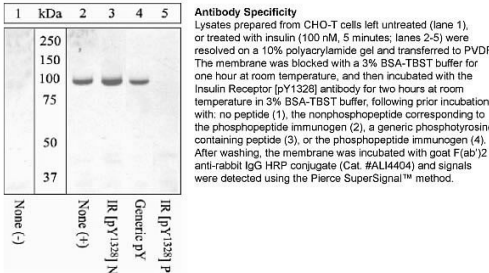
Phospho-INSR (Tyr1328) Antibody (44-807G)

Modulation of target protein phosphorylation by cell treatment demonstrates antibody specificity. Immunofluorescence analysis of INSR pY1328 using INSR (pY1328) polyclonal antibody (Product # 44-807G) shows induced expression of INSR (pY1328) in the membrane of MCF7 cells treated with insulin. {TM}



Phospho-INSR (Tyr1328) Antibody (44-807G) in ICC/IF

Immunofluorescence analysis of INSR (pY1328) was done on 70% confluent log phase MCF7 cells treated with insulin (100nM for 5 min). The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.25% Triton™ X-100 for 10 minutes, and blocked with 5% BSA for 1 hour at room temperature. The cells were labeled with INSR (pY1328) Rabbit polyclonal Antibody (Product # 44-807G) at 1:250 dilution in 1% BSA and incubated for 3 hours at room temperature and then labeled with Alexa Fluor 488 Goat Anti-Rabbit IgG Secondary Antibody (Product # A-11008) at a dilution of 1:400 for 30 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor 594 Phalloidin (Product # A12381). Panel d is a merged image showing membrane localization. Panel e shows untreated MCF7 cells. Panel f shows no primary antibody control. The images were captured at 20X magnification.



Phospho-INSR (Tyr1328) Antibody (44-807G) in WB

Western blot analysis of Phospho-INSR (Tyr1328) using a polyclonal antibody (Product # 44-807G).

1 Reference

Western Blot (1)

Cell	Year
Conformation-sensing antibodies stabilize the oxidized form of PTP1B and inhibit its phosphatase activity.	2011
Authors: Haque A,Andersen JN,Salmeen A,Barford D,Tonks NK	Species
	Human

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