

SYAP1 Polyclonal Antibody

Catalog NumberPA5-31624

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 136 and 352 of Human SYAP1	Immunocytochemistry (ICC/IF)	1:100-1:1,000
		Dilution *	
Conjugate	Unconjugated	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, mouse liver. Predicted reactivity: Mouse (89%), Rat (90%), Pig (93%), Chicken (84%), Bovine (88%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

SYAP1 plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation.

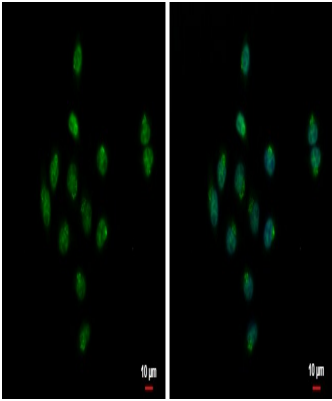
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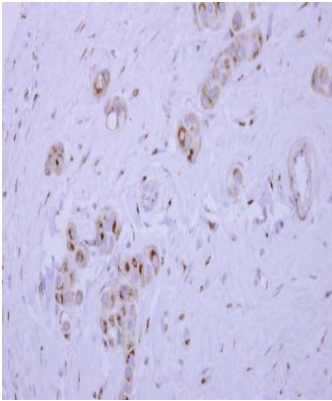
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Product Images For SYAP1 Polyclonal Antibody



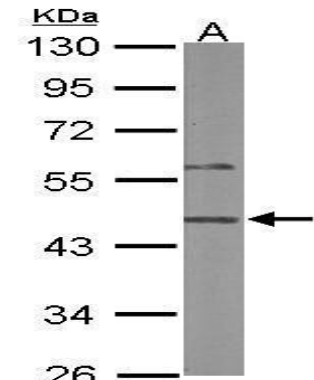
SYAP1 Antibody (PA5-31624) in ICC/IF

SYAP1 Polyclonal Antibody detects SYAP1 protein at nucleus and Golgi apparatus by immunofluorescent analysis. Sample: A375 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: SYAP1 protein stained by SYAP1 Polyclonal Antibody (Product # PA5-31624) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μm.



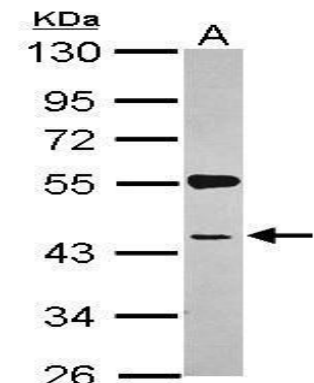
SYAP1 Antibody (PA5-31624) in IHC (P)

SYAP1 antibody detects SYAP1 protein at cytoplasm on human breast cancer by immunohistochemical analysis. Sample: Paraffin-embedded breast cancer. SYAP1 antibody (Product # PA5-31624) dilution: 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



SYAP1 Antibody (PA5-31624) in WB

Western Blot using SYAP1 Polyclonal Antibody (Product # PA5-31624). Sample (50 μg of whole cell lysate). Lane A: mouse liver. 10% SDS PAGE. SYAP1 Polyclonal Antibody (Product # PA5-31624) diluted at 1:500.



SYAP1 Antibody (PA5-31624) in WB

Western Blot using SYAP1 Polyclonal Antibody (Product # PA5-31624). Sample (30 μg of whole cell lysate). Lane A: 293T. 10% SDS PAGE. SYAP1 Polyclonal Antibody (Product # PA5-31624) diluted at 1:1,000.

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