

# Phospho-Dynamin 1 (Ser774) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Mouse, Rat
Published Species	Mouse
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser774 of rat DNM1 conjugated to KLH
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_560610

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:1,000	-

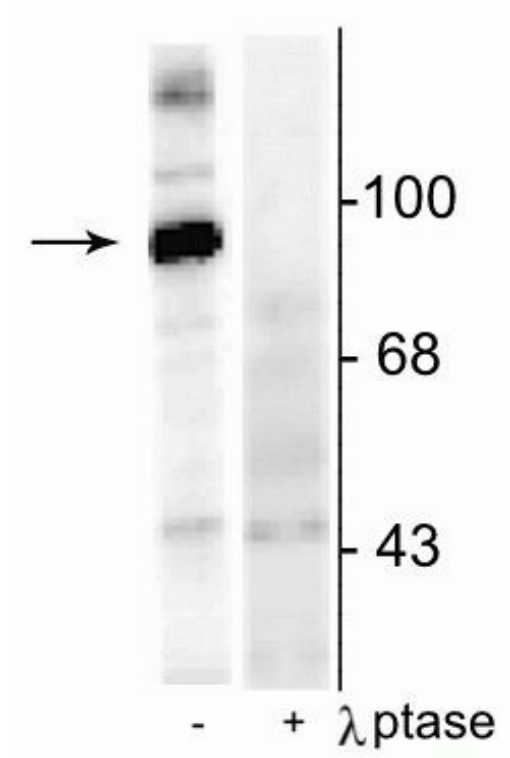
## Product Specific Information

This antibody is predicted to react with bovine, canine, chicken, human, mouse and non-human primate based on 100% sequence homology. It does not cross-react with other purified substrates of cdk5 (amphiphysin and synapsin).

This antibody is specific for the ~95 kDa Dynamin protein phosphorylated at Ser774 in Western blots of rat brain lysates. This antibody labels the purified protein phosphorylated in vitro by cdk5 but not by PKC. Immunolabeling is blocked by the phosphopeptide used as the antigen but not by the corresponding dephosphopeptide.

Store at -20°C short term, 80°C long term.

Product Images For Phospho-Dynamin 1 (Ser774) Polyclonal Antibody



**Phospho-Dynamin 1 (Ser774) Antibody (PA1-4620) in WB**  
Western blot of Dynamin 1 in rat hippocampal lysate stimulated with forskolin showing specific immunolabeling of a band at ~95 kDa corresponding to Phospho-Dynamin 1 (Ser774) polyclonal antibody (Product # PA1-4620) in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase (1,200 units for 30 min).

1 Reference

Western Blot (1)

Mammalian genome : official journal of the International Mammalian Genome Society	Year 2013
Creation and characterization of BAC-transgenic mice with physiological overexpression of epitope-tagged RCAN1 (DSCR1).	Species Mouse
"PA1-4620 was used in western blot to develop BAC transgenic mice to study the physiological role of RCAN1 and the significance for Down syndrome"	
Authors: Xing L,Salas M,Zhang H,Gittler J,Ludwig T,Lin CS,Murty VV,Silverman W,Arancio O,Tycko B	

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