

Product Datasheet

Dynamin (phospho Ser774) Antibody (orb1273530)

Catalog Number	orb1273530
Description	Dynamin (phospho Ser774) Antibody
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC, WB
Immunogen	Dynamin (Ser774) polyclonal antibody was raised against a synthetic phosphopeptide corresponding to amino acids residues surrounding the phospho-Ser774 of human, mouse and rat dynamin.
Target	Dnm1
Form/Appearance	Liquid
Concentration	batch dependent
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.
Note	For research use only
Application notes	Dynamin antibody for phospho-Ser774 dynamin labels the purified protein phosphorylated in vitro by Cdk5 but not PKC (Tan, et al. 2003). The labeling of the dynamin band in Western blots of rat brain was blocked by the phosphopeptide used as antigen but not by the corresponding dephosphopeptide. Sheep anti- Dynamin (Ser774) does not cross react with other purified substrates of CDK5 (e.g. amphiphysin and synapsin). Applications include Immunoblotting (IB), Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blots (WB). Human, mouse and rat have 100% amino acid sequence identity with the antigen used to raise the antibody. When internally tested under ideal conditions the working dilutions were 1:1000 for IB and WB.
Clonality	Polyclonal

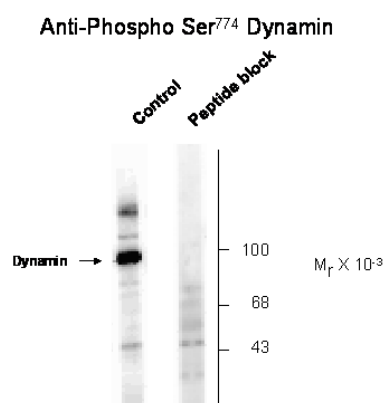
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Antibody Type	Primary Antibody
MW	95
Uniprot ID	P21575
NCBI	P21575
Expiration Date	12 months from date of receipt.



Western blot of a forskolin stimulated rat hippocampal lysate showing phospho-specific immunolabeling of the ~95k Dynamin protein phosphorylated at Ser774.

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