

Dynamin-1 Antibody | anti-DNM1 antibody

Dynamin-1 (Phospho-Ser774) Antibody

CATALOG # AAA109941	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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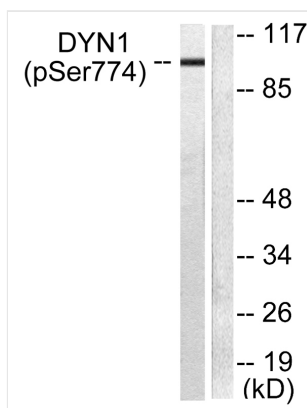
PRODUCT SYNONYMS

Dynamin-1; Dynamin-1 (Phospho-Ser774) Antibody; B-dynamin; D100; DNM; Dynamin BREDNM19; Dynamin; brain; EC 3.6.5.5; dynamin-1; anti-DNM1 antibody

PRODUCT SPECIFICATIONS

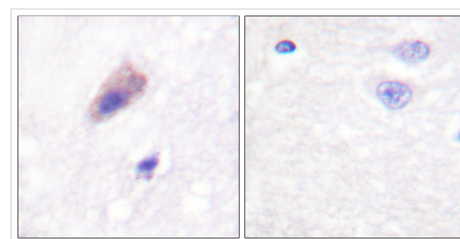
Reactivity	Human, Mouse, Rat
Specificity	Dynamin-1 (Phospho-Ser774) antibody detects endogenous levels of DYN1 only when phosphorylated at serine 774.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	851
Applicable Applications for anti-DNM1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human DYN1 around the phosphorylation site of serine 774 (R-R-SP-P-T).
All Sites	Human: Ser774 Mouse: Ser770 Rat: Ser774
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain cells, using Dynamin-1 (Phospho-Ser774) Antibody (#A0422).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Dynamin-1 (Phospho-Ser774) Antibody (#A0422).

ADDITIONAL INFORMATION

Product Categories/Family for anti-DNM1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	R. Martin, Eukaryot. Cell, Dec 2004; 3: 1574-1588. D Eshel, PNAS, Dec 1993; 90: 11172. Yoram Altschuler, J. Cell Biol., Dec 1998; 143: 1871. Byeong Doo Song, Mol. Biol. Cell, May 2004; 15: 2243-2252.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549117
NCBI GeneID	1759
NCBI Accession #	NP_001005336.1
NCBI GenBank Nucleotide #	NM_001005336.2
UniProt Accession #	Q05193; Q5SYX0; Q5SYX2; Q6P3T6; Q86VD2; A6NLM6
Molecular Weight	95,895 Da
NCBI Official Full Name	dynamamin-1 isoform 2
NCBI Official Synonym Full Names	dynamamin 1
NCBI Official Symbol	DNM1
NCBI Official Synonym Symbols	DNM; EIEE31
NCBI Protein Information	dynamamin-1
UniProt Protein Name	Dynamamin-1
UniProt Gene Name	DNM1
UniProt Synonym Gene Names	DNM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dnm1-human-mouse-rat-antibody/dynamamin-1/109941>