

Datasheet for ABIN1531269

anti-Dynamin 1 antibody (pSer774)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Dynamin 1 (DNM1)
Binding Specificity:	AA 740-789, pSer774
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Dynamin-1 around the phosphorylation site of Ser774.
Isotype:	IgG
Specificity:	Dynamin-1 (Phospho-Ser774) Antibody detects endogenous levels of Dynamin-1 only when phosphorylated at Ser774. PhosphorylationH:S774 M:S770 R:S774
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

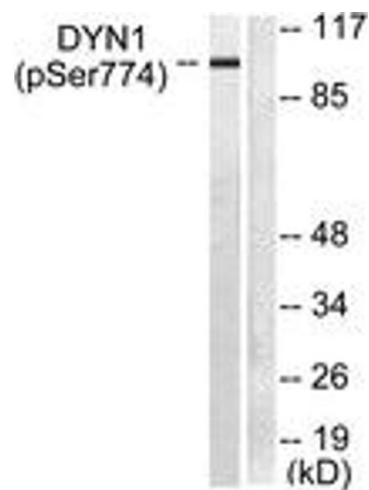
Target:	Dynamin 1 (DNM1)
Alternative Name:	Dynamin-1 (DNM1 Products)
Background:	Synonyms: B-dynamin, D100, DNM, DNM1, Dynamin BREDNM19, Dynamin, brain, dynamin-1, NCBI Gene Symbol: DNM1
Molecular Weight:	97 kDa
Gene ID:	1759
OMIM:	602377
UniProt:	Q05193
Pathways:	Toll-Like Receptors Cascades , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.522413 (NCBI Gene Symbol: DNM1)
Restrictions:	For Research Use only

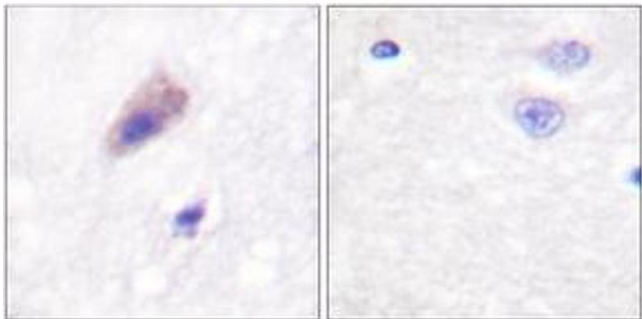
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from mouse brain, using Dynamin-1 (Phospho-Ser774) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using Dynamin-1 (Phospho-Ser774) Antibody. The picture on the right is treated with the synthesized peptide.