Anti- Dynamin-1 (Phospho-Ser774) Polyclonal Antibody

Catalog No.	<u>Size</u>
A100050-01	50 µl
A100050-02	100 µl

Specificity	Anti-Dynamin-1 (Phospho-Ser774) (Human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: Q05193

Other Names: B-dynamin, D100, DNM, DNM1, Dynamin

BREDNM19, Dynamin, brain, EC 3.6.5.5, dynamin-1

Specificity and Sensitivity

Dynamin-1 (Phospho-Ser774) antibody detects endogenous levels of DYN1 only when phosphorylated at serine 774.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human DYN1 around the

phosphorylation site of serine 774 (R-R-S^P-P-T).

The antibody was affinity-purified from rabbit antiserum by

affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100

ELISA: 1:5000

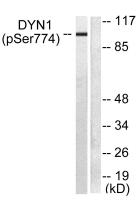
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

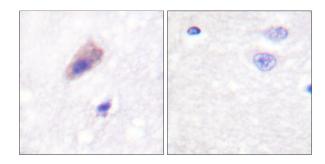
Images



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P-peptide -

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



P-peptide

Immunohistochemical analysis of paraffin-embedded human brain tissue using Dynamin-1 (Phospho-Ser774) antibody.

