BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Dynamin I Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02766
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Dynamin-1. AA range:740-789
Mol wt	97407
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Dynamin I Antibody
Synonyms	DNM1; DNM; Dynamin-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DNM1 encodes a member of the dynamin subfamily of GTP-binding proteins. Dynamin 1 possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilution

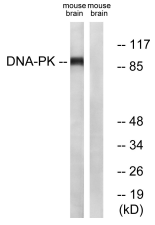
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

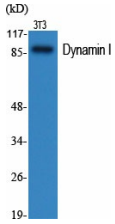
ELISA: 1: 40000

Not yet tested in other applications.

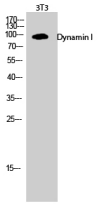
Images



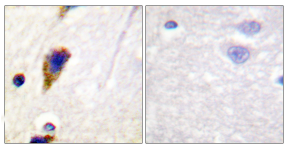
Western blot analysis of lysates from mouse brain, using Dynamin-1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Dynamin I Polyclonal Antibody



Western Blot analysis of 3T3 cells using Dynamin I Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Dynamin-1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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