

# Dynamin I (phospho Ser778) rabbit pAb

Cat No.:ES5009

For research use only

## Overview

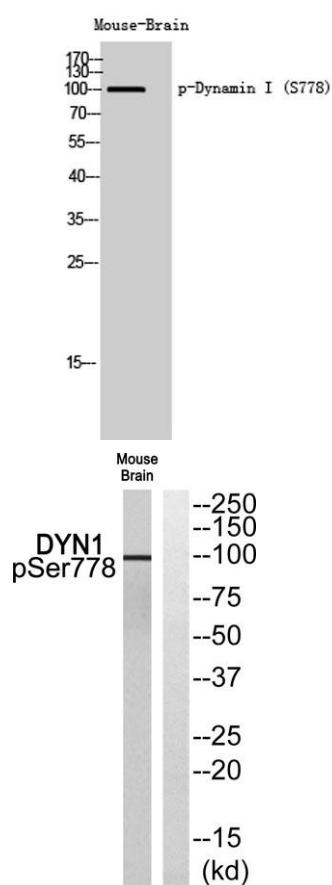
Product Name	Dynamin I (phospho Ser778) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DYN1 around the phosphorylation site of Ser778. AA range:751-800
Specificity	Phospho-Dynamin I (S778) Polyclonal Antibody detects endogenous levels of Dynamin I protein only when phosphorylated at S778.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Dynamin-1
Gene Name	DNM1
Cellular localization	Cytoplasm . Cytoplasm, cytoskeleton . Microtubule-associated.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	1759
Human Swiss-Prot Number	Q05193
Alternative Names	DNM1; DNM; Dynamin-1
Background	dynamin 1(DNM1) Homo sapiens This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein 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. [provided by RefSeq, Jul 2008],

Western Blot analysis of Mouse-Brain cells using  
Phospho-Dynamin I (S778) Polyclonal Antibody



Western blot analysis of DYN1 (Phospho-Ser778)  
Antibody. The lane on the right is blocked with the DYN1  
(Phospho-Ser778) peptide.

