

Rabbit Dynamin 1 Polyclonal Antibody | anti-DNM1 antibody

Dynamin 1 Antibody

CATALOG # AAA312110	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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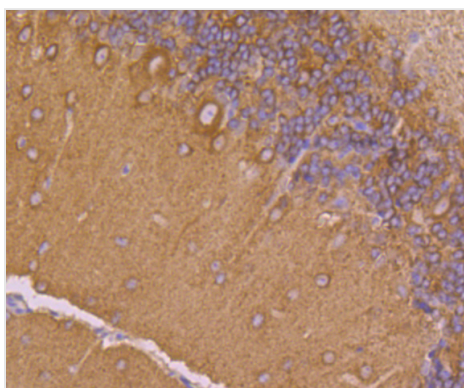
PRODUCT SYNONYMS

Dynamin 1; Polyclonal Antibody; Dynamin 1 Antibody; B dynamin antibody; D100 antibody; DNM 1 antibody; DNM antibody; DNM1 antibody; DYN1_HUMAN antibody; Dynamin antibody; Dynamin-1 antibody; Dynamin1 antibody; anti-DNM1 antibody

PRODUCT SPECIFICATIONS

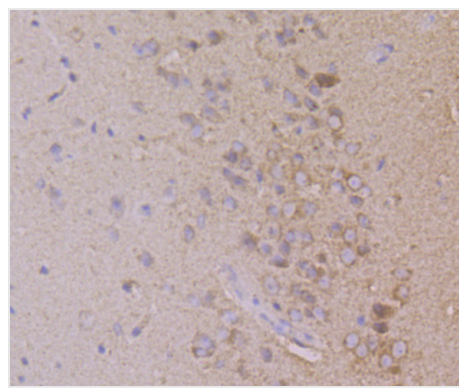
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DNM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein within human Dynamin 1 aa 575-750.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



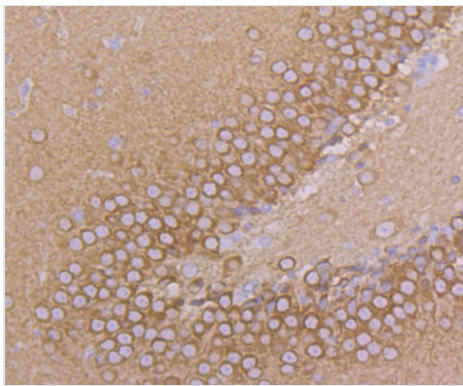
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-Dynamin 1 antibody. Counter stained with hematoxylin.



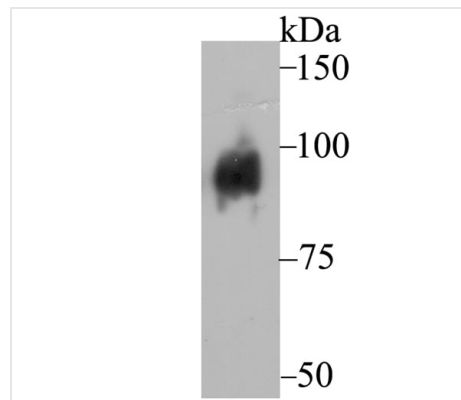
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Dynamin 1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Dynamin 1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Dynamin 1 on mouse brain tissue lysate using anti-Dynamin 1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DNM1 antibody	Members of the Dynamin family, including Dynamin I and Dynamin II, are GTPase, microtubule-associated proteins which are involved in endocytosis, synaptic transmission and neurogenesis. Dynamin I is localized to the central nervous system, while Dynamin II exhibits ubiquitous distribution with highest expression found in testis. Both dynamin proteins contain SH3 and proline-rich domains that mediate interactions between the dynamins and effectors of their GTPase activity). The interactions with these effectors, which include microtubules, acidic phospholipids and SH3 domain-containing proteins, are required for rapid endocytosis. Dynamin I appears to be recruited to clathrin coated pits by SH3 domain interaction with amphiphysin, a protein highly expressed in brain.
Product Categories/Family for anti-DNM1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549117
NCBI GeneID	1759
NCBI Accession #	NP_001005336.1
NCBI GenBank Nucleotide #	NM_001005336.1
UniProt Accession #	Q05193 ; Q5SYX0 ; Q5SYX2 ; Q6P3T6 ; Q86VD2 ; A6NLM6
Molecular Weight	97,408 Da
NCBI Official Full Name	dynamin-1 isoform 2
NCBI Official Synonym Full Names	dynamin 1
NCBI Official Symbol	DNM1
NCBI Official Synonym Symbols	DNM
NCBI Protein Information	dynamin-1
UniProt Protein Name	Dynamin-1
UniProt Gene Name	DNM1
UniProt Synonym Gene Names	DNM
UniProt Entry Name	DYN1_HUMAN

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.

