

Rabbit DNM1 Polyclonal Antibody | anti-DNM1 antibody

DNM1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200178	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Western Blot, Immunohistochemistry

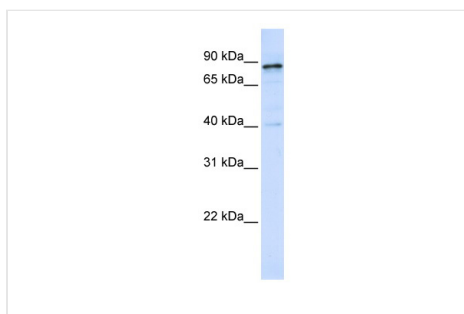
PRODUCT SYNONYMS

DNM1; Polyclonal Antibody; DNM1 antibody - middle region; anti-DNM1 antibody

PRODUCT SPECIFICATIONS

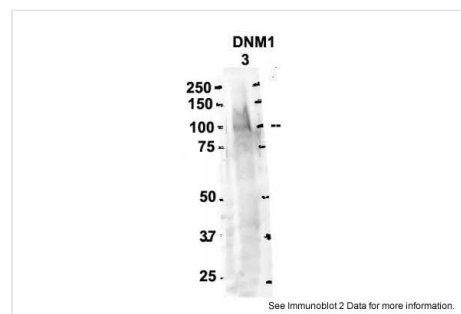
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PPVDDSWLQVQSVPAGRRSPTS SPTPQRRAPA VPPARPGSRG PAPGPPPA
Sequence Length	851
Applicable Applications for anti-DNM1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DNM1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



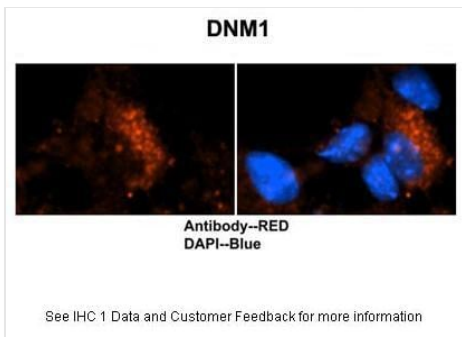
WB (Western Blot)

WB Suggested Anti-DNM1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:12500
Positive Control: Human brain



WB (Western Blot)

Sample Type: Rat Brain
Sample Type: 3. rat brain extract (80ug)
Primary Antibody Dilution: 2ug/mL
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR
Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



IHC (Immunohistochemistry)
 Researcher: Dr. Yuzhi Chen, University of Arkansas for Medical ScienceApplication:
 IHCSpecies+tissue/cell type: Mouse brain stem cellsPrimary antibody dilution:
 1:500Secondary antibody: Goat anti-rabbit Alexa-Fluor 594Secondary antibody dilution:
 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-DNM1 antibody	This is a rabbit polyclonal antibody against DNM1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: DNM1 is a member of the dynamin subfamily of GTP-binding proteins. The 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 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.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.
Product Categories/Family for anti-DNM1 antibody	Polyclonal ; DNA/RNA/Protein Interactions ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	59853099
NCBI GeneID	1759
NCBI Accession #	NP_004399
NCBI GenBank Nucleotide #	NM_004408
UniProt Accession #	P39053 ; Q05193
Molecular Weight	95kDa
NCBI Official Full Name	dynamin-1 isoform 1
NCBI Official Synonym Full Names	dynamin 1
NCBI Official Symbol	DNM1
NCBI Official Synonym Symbols	DNM; EIEE31
NCBI Protein Information	dynamin-1
UniProt Protein Name	Dynamin-1
UniProt Gene Name	Dnm1

UniProt Synonym Gene Names	Dnm; Kiaa4093
UniProt Entry Name	DYN1_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnm1-antibody-western-blot-immunohistochemistry-elisa/200178>