

DNM3 polyclonal antibody

Catalog # PAB7456

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DNM3.
Immunogen	A synthetic peptide corresponding to human DNM3.
Sequence	C-DKSVGNNKAEND
Host	Goat
Theoretical MW (kDa)	97
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DNM3

Entrez GeneID [26052](#)

Protein Accession# [NP_056384.2](#)

Gene Name DNM3

Gene Alias KIAA0820, MGC70433

Gene Description dynamin 3

Omim ID [611445](#)

Gene Ontology [Hyperlink](#)

Gene Summary Members of the dynamin family, such as DNM3, possess mechanochemical properties involved in actin-membrane processes, predominantly in membrane budding (Orth and McNiven, 2003 [PubMed 12517701]).[supplied by OMIM]

Other Designations Dyna III|dynamin family member

Publication Reference

- [A selective activity-dependent requirement for dynamin 1 in synaptic vesicle endocytosis.](#)

Ferguson SM, Brasnjo G, Hayashi M, Wolfel M, Collesi C, Giovedi S, Raimondi A, Gong LW, Ariel P, Paradise S, O'toole E, Flavell R, Cremona O, Miesenbock G, Ryan TA, De Camilli P.

Science 2007 Apr; 316(5824):570.

Application: IF, WB-Ti, Mouse, Mouse brain

Pathway

- [Endocytosis](#)
- [Fc gamma R-mediated phagocytosis](#)

Disease

- [Diabetes Mellitus](#)

- [Tobacco Use Disorder](#)