

ARG45450 anti-Dynamin 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Dynamin 3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Dynamin 3
Species	Human
Immunogen	Recombinant protein containing to human Dynamin 3.
Conjugation	Un-conjugated
Alternate Names	DNM3; Dynamin 3; KIAA0820; Dynamin, Testicular; EC 3.6.5.5 47; Dynamin-3; T-Dynamin; Dyna III; Dynamin Family Member

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	110 kDa	

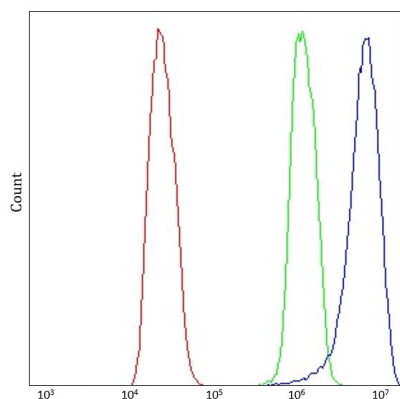
Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

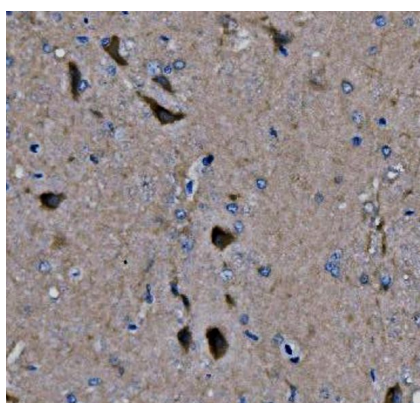
Gene Symbol	DNM3
Gene Full Name	Dynamin 3
Background	This gene encodes a member of a family of guanosine triphosphate (GTP)-binding proteins that associate with microtubules and are involved in vesicular transport. The encoded protein functions in the development of megakaryocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Function	Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis. [UniProt]
Calculated Mw	98 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Cytoskeleton; Microtubule. [UniProt]

Images



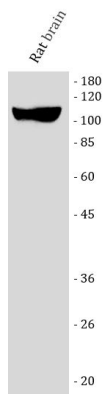
ARG45450 anti-Dynamin 3 antibody FACS image

Flow Cytometry: C6 stained with ARG45450 anti-Dynamin 3 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



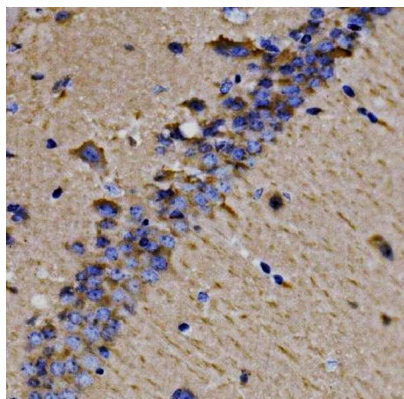
ARG45450 anti-Dynamin 3 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45450 anti-Dynamin 3 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



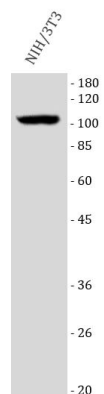
ARG45450 anti-Dynamin 3 antibody WB image

Western blot: Rat brain stained with ARG45450 anti-Dynamin 3 antibody at 0.5 µg/ml dilution.



ARG45450 anti-Dynamin 3 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45450 anti-Dynamin 3 antibody at 2 µg/ml dilution.



ARG45450 anti-Dynamin 3 antibody WB image

Western blot: NIH/3T3 stained with ARG45450 anti-Dynamin 3 antibody at 0.5 µg/ml dilution.