

Datasheet for ABIN350299 **anti-Dynamin 1 antibody**



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Overview

Quantity:	500 µg
Target:	Dynamin 1 (DNM1)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit antibody to Dynamin 1
Immunogen:	A synthetic peptide from rat Dynamin conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in human and mouse.
Isotype:	IgG
Specificity:	Specific for Dynamin 1.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	Dynamin 1 (DNM1)
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Target Details

Alternative Name:	Dynamin 1 (DNM1 Products)
Background:	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. Catalytic activity: GTP + H(2)O = GDP + phosphate. Subcellular location: Cytoplasm. Cytoplasm ↔ cytoskeleton.
UniProt:	P21575
Pathways:	Toll-Like Receptors Cascades , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	IHC WB (confirmed by recombinant protein). A concentration of 10-50,µg/ml is recommended. The optimal concentration should be determined by the end user. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months