

Datasheet for ABIN7010256  
**anti-Dynamin 1 antibody**

## 2 Images

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## Overview

Quantity:	60 µL
Target:	Dynamin 1 (DNM1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide of human DNM1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	Dynamin 1 (DNM1)
Alternative Name:	DNM1 ( <a href="#">DNM1 Products</a> )
Background:	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

## Target Details

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.

Molecular Weight: Observed\_MW: 117 kDa

Calculated\_MW: 95 kDa/96 kDa/97 kDa

Gene ID: 1759

UniProt: [Q05193](#)

Pathways: [Toll-Like Receptors Cascades](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:100-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

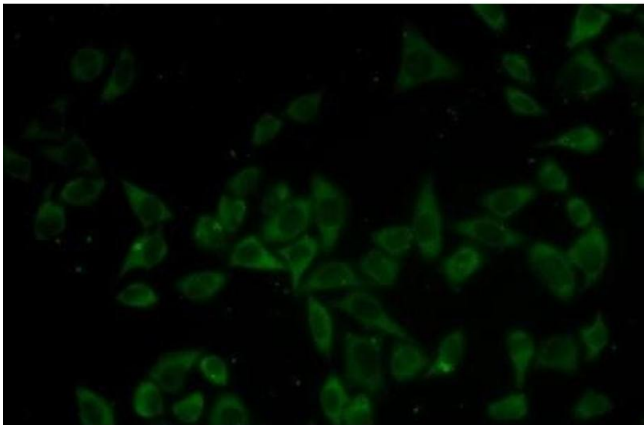
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

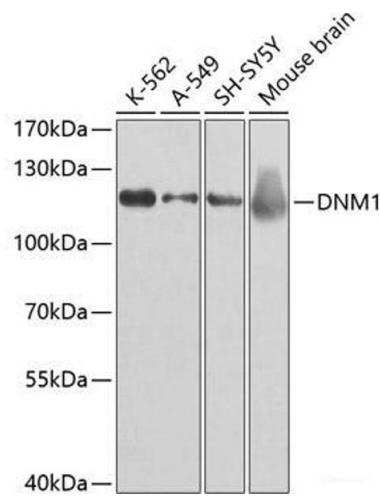
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using DNM1 Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using DNM1 Polyclonal Antibody at dilution of 1:500.