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## Datasheet for ABIN7113623 **anti-DBNL antibody**

### Overview

Quantity:	100 µg
Target:	DBNL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBNL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

### Product Details

Immunogen:	drebrin-like
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	DBNL
Alternative Name:	DBNL ( <a href="#">DBNL Products</a> )
Background:	Synonyms: CMAP, SH3P7 Background: Adapter protein that binds F-actin and DNM1, and thereby plays a role in receptor-mediated endocytosis. Plays a role in the reorganization of the actin cytoskeleton, formation of cell projections, such as neurites, in neuron morphogenesis

## Target Details

and synapse formation via its interaction with WASL and COBL. Does not bind G-actin and promote actin polymerization by itself. Required for the formation of organized podosome rosettes (By similarity). May act as a common effector of antigen receptor-signaling pathways in leukocytes. Acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes.

Molecular Weight: 55 kDa

Gene ID: 28988

UniProt: [Q9UJU6](#)

Pathways: [TCR Signaling, Regulation of Actin Filament Polymerization](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months