Datasheet for ABIN6981180

anti-DBNL antibody (AA 201-300) (Alexa Fluor 680)

Go to Product page

Overview

Quantity:	100 µL
Target:	DBNL
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBNL antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIP55
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	DBNL
Alternative Name:	HIP55 (DBNL Products)

Target Details

Background:	Synonyms: ABP1, Actin-binding protein 1, Cervical mucin associated protein, Cervical mucin-associated protein, Cervical SH3P7, CMAP, Dbnl, DBNL_HUMAN, Drebrin F, drebrin like, Drebrin like protein, Drebrin-F, Drebrin-like protein, HIP 55, HIP-55, HPK1 interacting protein of 55 kDa, HPK1-interacting protein of 55 kDa, SH3 domain containing protein 7, SH3 domain-containing protein 7, SH3P7, Src Homology 3 Domain Containing Protein, src homology 3 domain containing protein HIP 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 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.
Gene ID:	28988
UniProt:	Q9UJU6
Pathways:	TCR Signaling, Regulation of Actin Filament Polymerization

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

