

ARG63442 anti-DBNL / HIP55 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DBNL / HIP55
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise all reported isoforms (NP_054782.2; NP_001014436.1; NP_001116428.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DBNL / HIP55
Species	Human
Immunogen	AANLSRNGPALQE-C
Conjugation	Un-conjugated
Alternate Names	SH3P7; HIP55; SH3 domain-containing protein 7; ABP1; Cervical SH3P7; Drebrin-F; HPK1-interacting protein of 55 kDa; Drebrin-like protein; HIP-55; Cervical mucin-associated protein

Application Instructions

Application table	Application	Dilution
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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.

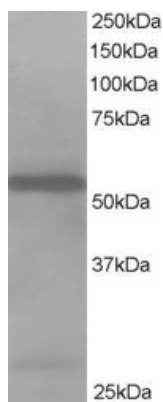
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

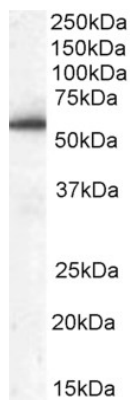
Database links	GeneID: 28988 Human Swiss-port # Q9UJU6 Human
Gene Symbol	DBNL
Gene Full Name	drebrin-like
Function	Adapter protein that binds F-actin and DNM1, and thereby plays a role in receptor-mediated endocytosis. Plays a role in the reorganization of the actin cytoskeleton, formation of cell projections, 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. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	48 kDa
PTM	Degraded by caspases during apoptosis.

Images



ARG63442 anti-DBNL / HIP55 antibody WB image

Western blot: Jurkat lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63442 anti-DBNL / HIP55 antibody at 1 µg/ml dilution.



ARG63442 anti-DBNL / HIP55 antibody WB image

Western blot: 35 µg of Human peripheral blood mononucleocyte lysate (in RIPA buffer) stained with ARG63442 anti-DBNL / HIP55 antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.