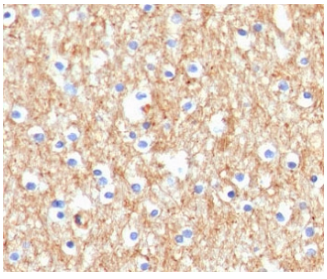
Drebrin 1 Antibody DRBP1-1 / DBN1 Mouse MAb [clone DRBP1-1] (V7643)

Catalog No.	Formulation	Size
V7643-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7643-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7643SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	DRBP1-1
Purity	Protein G affinity chromatography
UniProt	Q16643
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Drebrin 1 Antibody DRBP1-1 is available for research use only.



Drebrin 1 Antibody DRBP1-1 Immunohistochemistry. IHC staining of FFPE human brain with Drebrin 1 antibody (clone DRBP1-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Description

Actin cytoskeleton-organizing protein that plays a role in the formation of cell projections. Required for actin polymerization at immunological synapses (IS) and for the recruitment of the chemokine receptor CXCR4 to IS. Plays a role in dendritic spine morphogenesis and organization, including the localization of the dopamine receptor DRD1 to the dendritic spines (By similarity). Involved in memory-related synaptic plasticity in the hippocampus (By similarity). [UniProt]

This antibody can be compared with our Drebrin Antibody / DBN1 Neuronal Actin-Binding Protein Antibody (clone DBN1/2880) for consistent detection of DBN1 across neuronal structure and cytoskeletal studies.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Drebrin 1 Antibody DRBP1-1 may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 150-281 were used as the immunogen for the Drebrin 1 antibody.

Storage

Store the Drebrin 1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.