

ARG44650 anti-Drebrin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Drebrin
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	Drebrin
Species	Human
Conjugation	Un-conjugated
Alternate Names	DBN1; Drebrin 1; D0S117E; Developmentally-Regulated Brain Protein; Drebrin; Drebrin E2; Drebrin A; Drebrin E

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

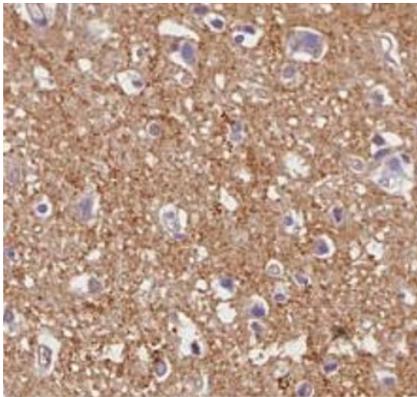
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
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

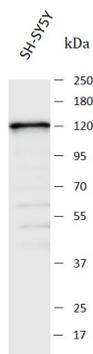
Gene Symbol	DBN1
Gene Full Name	Drebrin 1
Background	The protein encoded by this gene is a cytoplasmic actin-binding protein thought to play a role in the process of neuronal growth. It is a member of the drebrin family of proteins that are developmentally regulated in the brain. A decrease in the amount of this protein in the brain has been implicated as a possible contributing factor in the pathogenesis of memory disturbance in Alzheimer's disease. At least two alternative splice variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Function	Involved in memory-related synaptic plasticity in the hippocampus (By similarity). [UniProt]
Calculated Mw	71 kDa
PTM	Acetylation, Phosphoprotein. [UniProt]
Cellular Localization	Cell junction, Cell projection, Cytoplasm. [UniProt]

Images



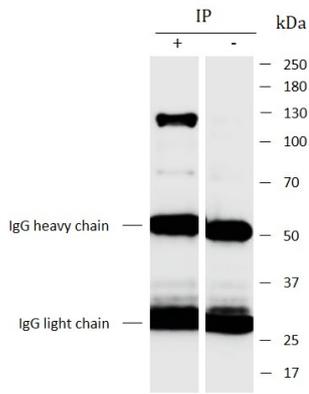
ARG44650 anti-Drebrin antibody IHC-P image

Immunohistochemistry: Human Brain stained with ARG44650 anti-Drebrin antibody at 5 µg/mL dilution.



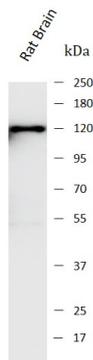
ARG44650 anti-Drebrin antibody WB image

Western blot: SH-SY5Y stained with ARG44650 anti-Drebrin antibody at 1 µg/mL dilution.



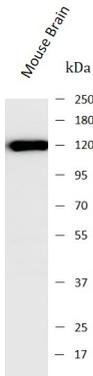
ARG44650 anti-Drebrin antibody IP image

Immunoprecipitation: Mouse Brain lysate immunoprecipitated with 2.5 μ g of ARG44650 anti-Drebrin antibody.



ARG44650 anti-Drebrin antibody WB image

Western blot: Rat Brain stained with ARG44650 anti-Drebrin antibody at 1 μ g/mL dilution.



ARG44650 anti-Drebrin antibody WB image

Western blot: Mouse Brain stained with ARG44650 anti-Drebrin antibody at 1 μ g/mL dilution.