

Nur für Forschungszwecke

Drebrin Monoklonaler Antikörper

Katalog-Nr.:67589-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67589-1-Ig	GenBank-Zugangsnummer: BC007567	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1100 µg/ml von1627 Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1627	CloneNo.: 1A12H1
Wirt: Maus	Vollständiger Name: drebrin 1	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
Isotyp: IgG2a	Beobachteté Masse: 110-120 kDa	
Immunogen Katalognummer: AG22635		

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Hausschwein, Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, Hausschwein-Hirngewebe, HEK-293-Zellen, Maushirngewebe, Neuro-2a-Zellen, PC-12-Zellen, Rattenhirngewebe

IHC : Maushirngewebe,

IF : Maushirngewebe,

Hintergrundinformationen

Drebrin (DBN1) is an actin binding and stabilizing protein with roles in endocytosis, formation of dendrite spines in neurons and coordinating cell-cell synapses in immune cells. Preferentially expressed in the brain, it is highly localized in dendritic spines and regulates spine shapes. It has two isoforms that are splice variants, with drebrin A being expressed in neural cells, and drebrin E is present in several other cell types. Recently it has been reported that circulating DBN1 levels correlated with retinal nerve fiber layer defect and may reflect the severity of retinal ganglion cells injury in glaucoma patients.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

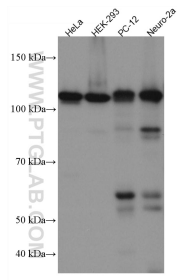
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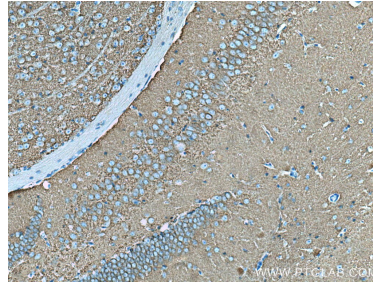
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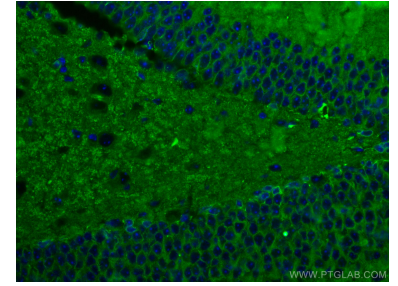
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67589-1-Ig (Drebrin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67589-1-Ig (Drebrin antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Drebrin antibody (67589-1-Ig, Clone: 1A12H1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). DAPI (blue).