

For Research Use Only

# Drebrin Recombinant antibody

Catalog Number: 83591-2-RR



## Basic Information

<b>Catalog Number:</b> 83591-2-RR	<b>GenBank Accession Number:</b> BC000283	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1627	<b>CloneNo.:</b> 240599G12
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000113758	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q16643	
<b>Immunogen Catalog Number:</b> AG0371	<b>Full Name:</b> drebrin 1	
	<b>Calculated MW:</b> 71 kDa	
	<b>Observed MW:</b> 110-130 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat	<b>WB :</b> HeLa cells, K-562 cells, Neuro-2a cells, SH-SY5Y cells, PC-12 cells

## Background Information

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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

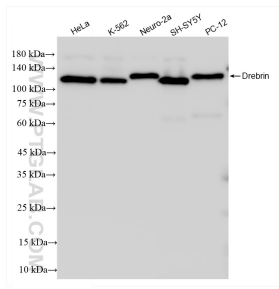
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83591-2-RR (Drebrin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.