

Rabbit Drebrin Polyclonal Antibody | anti-DBN1 antibody

Drebrin Antibody

CATALOG # AAA323212	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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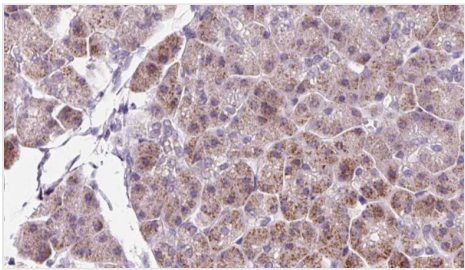
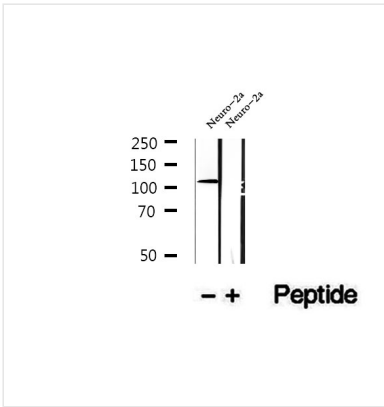
PRODUCT SYNONYMS

Drebrin; Polyclonal Antibody; Drebrin Antibody; D0S117E; DBN 1; DBN1; Developmentally regulated brain protein; Developmentally-regulated brain protein; DKFZp434D064; DREB_HUMAN; Drebrin 1; Drebrin E; Drebrin E2; Drebrin1; DrebrinE; anti-DBN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Drebrin antibody detects endogenous levels of Drebrin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	649
Applicable Applications for anti-DBN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Drebrin.
Subcellular Location	Cytoplasm.
Tissue Specificity	Brain neurons. Also found in the heart, placenta, skeletal muscle, kidney and pancreas. Expressed in peripheral blood lymphocytes, including T-cells (at protein level).
Predicted Cross Reactivity	Pig, Horse, Dog
Similarity	Pig (92%), Horse (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323212 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of Neuro-2a cells, using Drebrin antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DBN1 antibody	Function: Drebrins might play some role in cell migration, extension of neuronal processes and plasticity of dendrites. Required for actin polymerization at immunological synapses (IS) and for CXCR4 recruitment to IS. Subunit Structure: Interacts with RUFY3 (By similarity). Binds F-actin. Interacts with CXCR4; this interaction is enhanced by antigenic stimulation (PubMed:20215400).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18426915
NCBI GeneID	1627
NCBI Accession #	NP_004386.2
NCBI GenBank Nucleotide #	NM_004395.3
UniProt Accession #	Q16643; Q9UFZ5; A8MV58; B2RBG0
Molecular Weight	Observed: 100-130 kDa Predicted: 72 kDa
NCBI Official Full Name	drebrin isoform a
NCBI Official Synonym Full Names	drebrin 1
NCBI Official Symbol	DBN1
NCBI Official Synonym Symbols	D0S117E
NCBI Protein Information	drebrin
UniProt Protein Name	Drebrin
UniProt Gene Name	DBN1
UniProt Synonym Gene Names	D0S117E

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.