

DTNB Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58075**Specification**

DTNB Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O60941
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71356

DTNB Polyclonal Antibody - Additional Information**Gene ID** 1838**Other Names**

Dystrobrevin beta, DTN-B, Beta-dystrobrevin, DTNB

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DTNB Polyclonal Antibody - Protein Information**Name** DTNB ([HGNC:3058](#))**Function**

Scaffolding protein that assembles DMD and SNTA1 molecules to the basal membrane of kidney cells and liver sinusoids (By similarity). May function as a repressor of the SYN1 promoter through the binding of repressor element-1 (RE-1), in turn regulates SYN1 expression and may be involved in cell proliferation regulation during the early phase of neural differentiation (PubMed:27223470). May be required for proper maturation and function of a subset of inhibitory synapses (By similarity).

Cellular Location

Cytoplasm. Postsynaptic density {ECO:0000250|UniProtKB:P84060}. Cell projection, dendrite {ECO:0000250|UniProtKB:O70585}. Basal cell membrane {ECO:0000250|UniProtKB:O70585}. Postsynapse {ECO:0000250|UniProtKB:O70585}. Nucleus Note=Localized at inhibitory synapses on the dendrites of cerebellar Purkinje cells. {ECO:0000250|UniProtKB:O70585}

Tissue Location

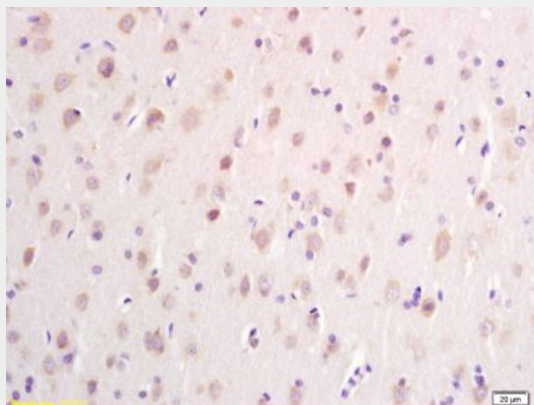
Highly expressed in brain, kidney and pancreas.

DTNB Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DTNB Polyclonal Antibody - Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DTNB Polyclonal Antibody, Unconjugated(bs-3548R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining