

### **ERMIN Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP4892c

### **Specification**

# **ERMIN Antibody (Center) - Product Information**

FC, WB, E Application **Primary Accession Q8TAM6** Reactivity Human **Rabbit** Host Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 32783 Antigen Region 113-141

### **ERMIN Antibody (Center) - Additional Information**

#### **Gene ID 57471**

#### **Other Names**

Ermin, Juxtanodin, JN, ERMN, KIAA1189

# **Target/Specificity**

This ERMIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 113-141 amino acids from the Central region of human ERMIN.

#### **Dilution**

FC~~1:10~50 WB~~1:1000

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

ERMIN Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### **ERMIN Antibody (Center) - Protein Information**

#### **Name ERMN**

Synonyms KIAA1189





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Function Plays a role in cytoskeletal rearrangements during the late wrapping and/or compaction phases of myelinogenesis as well as in maintenance and stability of myelin sheath in the adult. May play an important role in late-stage oligodendroglia maturation, myelin/Ranvier node formation during CNS development, and in the maintenance and plasticity of related structures in the mature CNS (By similarity).

#### **Cellular Location**

Cytoplasm, cytoskeleton.

### **Tissue Location**

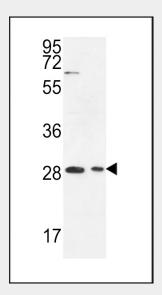
Highly expressed in adult and fetal brain. Expressed at intermediate levels in the lung and liver

### **ERMIN Antibody (Center) - Protocols**

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

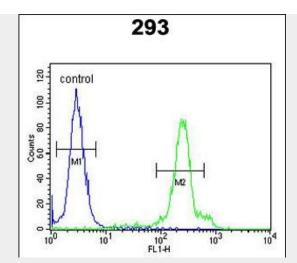
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **ERMIN Antibody (Center) - Images**



ERMIN Antibody (Center) (Cat. #AP4892c) western blot analysis in Jurkat,293 cell line lysates (35ug/lane). This demonstrates the ERMIN antibody detected the ERMIN protein (arrow).





ERMIN Antibody (Center) (Cat. #AP4892c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

# **ERMIN Antibody (Center) - Background**

ERMIN plays a role in cytoskeletal rearrangements during the late wrapping and/or compaction phases of myelinogenesis as well as in maintenance and stability of myelin sheath in the adult. ERMIN may play an important role in late-stage oligodendroglia maturation, myelin/Ranvier node formation during CNS development, and in the maintenance and plasticity of related structures in the mature CNS.

## **ERMIN Antibody (Center) - References**

Brockschnieder, D., et al. J. Neurosci. 26(3):757-762(2006) Zhang, B., et al. Proc. Natl. Acad. Sci. U.S.A. 102(32):11527-11532(2005)