

ERMIN Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4892c**Specification**

ERMIN Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	Q8TAM6
Reactivity	Human
Host	Rabbit
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

WB~~1:1000

FC~~1:10~50

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

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

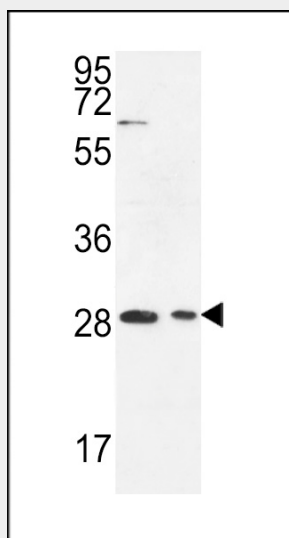
Highly expressed in adult and fetal brain. Expressed at intermediate levels in the lung and liver

ERMIN Antibody (Center) - Protocols

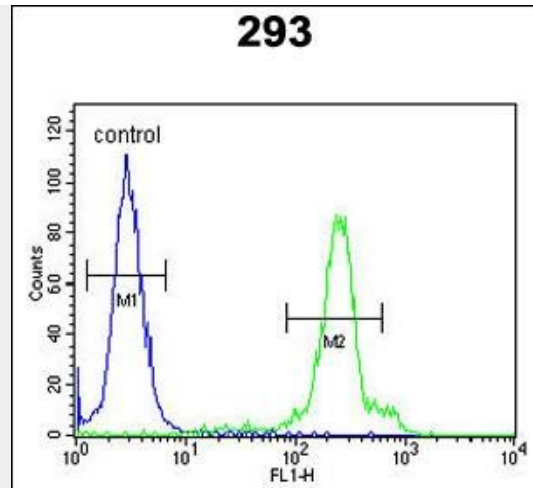
Provided below are standard protocols that you may find useful for product applications.

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

Brockschneider, 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)