


Anti-FAM126A antibody ab98144

1 Image

Overview

Product name	Anti-FAM126A antibody
Description	Rabbit polyclonal to FAM126A
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 178 and 416 of Human FAM126A (NP_115970).
Positive control	293T, A431, H1299 ,HeLa, HepG2, MOLT4 and Raji cell lysates
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab98144 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 58 kDa.

Target

Function

Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:26571211). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed:26571211). FAM126A plays a key role in oligodendrocytes formation, a cell type with expanded plasma membrane that requires generation of PtdIns(4)P (PubMed:26571211). Its role in oligodendrocytes formation probably explains its importance in myelination of the central and peripheral nervous system (PubMed:26571211, PubMed:16951682). May also have a role in the beta-catenin/Lef signaling pathway.

Tissue specificity

Widely expressed. Highest levels in heart, brain, placenta, spleen and testis.

Involvement in disease

Leukodystrophy, hypomyelinating, 5

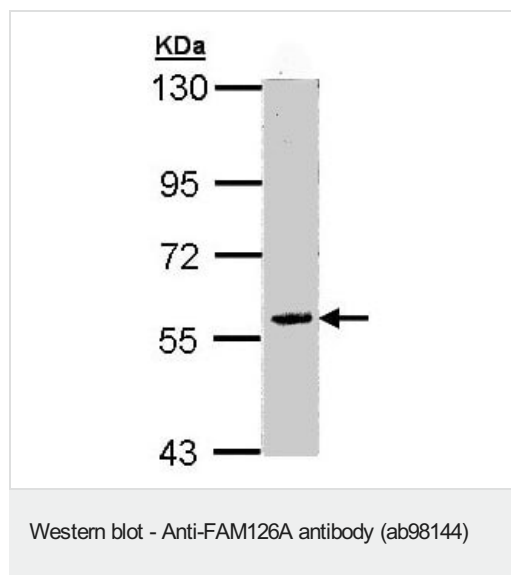
Sequence similarities

Belongs to the FAM126 family.

Cellular localization

Cytoplasm, cytosol. Cell membrane. Localizes to the cytosol and is recruited to the plasma membrane following interaction with other components of the phosphatidylinositol 4-kinase (PI4K) complex.

Images



Anti-FAM126A antibody (ab98144) at 1/1000 dilution + Raji whole cell lysate at 30 µg

Predicted band size: 58 kDa

7.5% SDS PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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