

Datasheet for ABIN1714363
anti-FAM134B antibody (AA 210-310)

6 Images

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Overview

Quantity:	100 µL
Target:	FAM134B
Binding Specificity:	AA 210-310
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM134B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FAM134B
Isotype:	IgG
Specificity:	There is a chance that this protein will cross-react with MSL2 based on a 73 % non-sequential sequence similarity.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FAM134B
Alternative Name:	FAM134B (FAM134B Products)
Background:	<p>Synonyms: JK1, JK-1, Reticulophagy receptor FAM134B, FAM134B</p> <p>Background: Endoplasmic reticulum-anchored autophagy receptor that mediates ER delivery into lysosomes through sequestration into autophagosomes (PubMed:26040720). Promotes membrane remodeling and ER scission via its membrane bending capacity and targets the fragments into autophagosomes via interaction with ATG8 family proteins (PubMed:26040720). Required for long-term survival of nociceptive and autonomic ganglion neurons (PubMed:19838196, PubMed:26040720).</p>
Gene ID:	54463
UniProt:	Q9H6L5

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

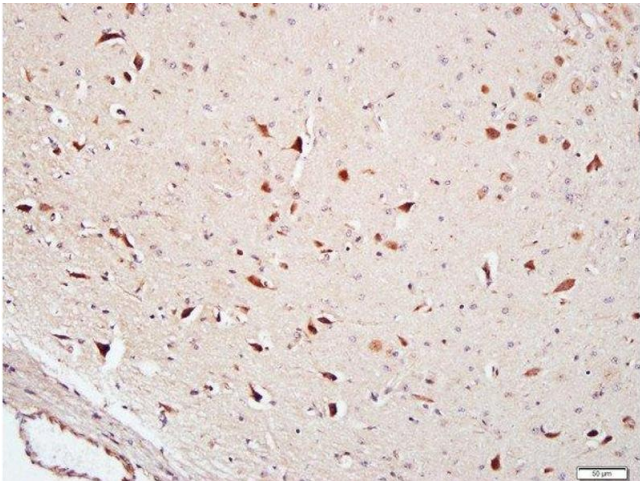
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

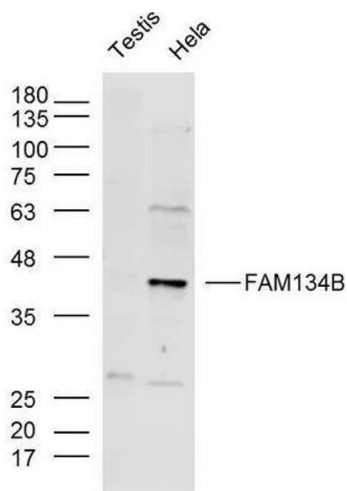
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



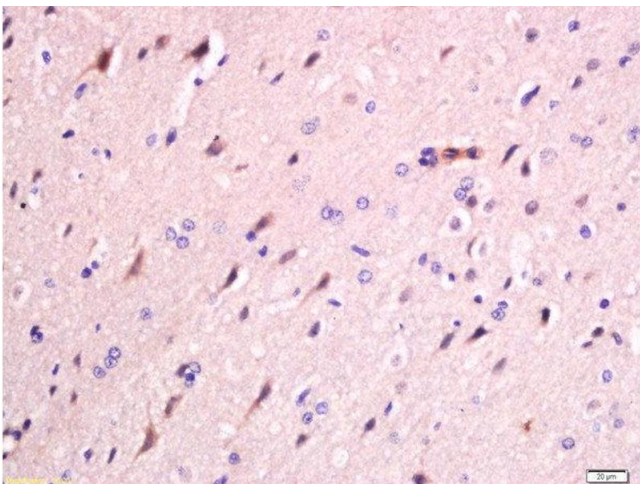
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse Brain tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with FAM134B Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining



Western Blotting

Image 2. Lane 1: Mouse testis lysates, Lane 2: Hela lysates probed with FAM134B Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain labeled with Anti-FAM134B Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1714363.