Anti-FAM38A/PIEZO1 antibody ab128245

Overview

Product name: Anti-FAM38A/PIEZO1 antibody

Description: Rabbit polyclonal to FAM38A/PIEZO1

Host species: Rabbit

Tested applications:
- Suitable for: WB, ELISA, IHC-Fr, IHC-P

Species reactivity:
- Reacts with: Human
- Predicted to work with: Mouse, Rat, Rabbit

Immunogen: Synthetic peptide corresponding to Human FAM38A/PIEZO1 aa 2100-2200 (C terminal).
(Peptide available as ab133015)

General notes: This product was previously labelled as FAM38A

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.

Storage buffer: Constituents: 1.21% Tris, 0.75% Glycine, 2% Sucrose

Purity: Protein A purified

Clonality: Polyclonal

Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab128245 in the following tested applications.

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

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### Target

**Function**
Component of mechanosensitive channel required for the mechanosensitive currents. Plays a key role in epithelial cell adhesion by maintaining integrin activation through R-Ras recruitment to the ER, most probably in its activated state, and subsequent stimulation of calpain signaling.

**Tissue specificity**
Expressed in numerous tissues. In normal brain, expressed exclusively in neurons, not in astrocytes. In Alzheimer disease brains, expressed in about half of the activated astrocytes located around classical senile plaques. In Parkinson disease substantia nigra, not detected in melanin-containing neurons nor in activated astrocytes.

**Sequence similarities**
Belongs to the PIEZO family.

**Cellular localization**

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**Application** | **Abreviews** | **Notes**
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ELISA | Use at an assay dependent concentration. |
IHC-Fr | 1/50 - 1/500. |
IHC-P | Use at an assay dependent concentration. PubMed: 25385580 |

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

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