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# Datasheet for ABIN2783848 anti-PIEZO2 antibody (Middle Region)

Image



#### Overview

Quantity:	100 μL
Target:	PIEZO2 (FAM38B)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIEZO2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FAM38B
Sequence:	AGNSTESSKT PVTIEKIYPY YVKAPSDSNS KPIKQLLSEN NFMDITIILS
Specificity:	Specific to isoforms 1, 2, 3 and 4.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FAM38B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

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### Target Details

Target:	PIEZO2 (FAM38B)
Alternative Name:	FAM38B (FAM38B Products)
Background:	<ul> <li>FAM38B is a multi-pass membrane proteinPotential. It belongs to the FAM38 family. The exact function of FAM38B remains unknown.</li> <li>Alias Symbols: FLJ23144, FLJ23403, HsT748, PIEZO2, C18orf30, C18orf58, FAM38B, HsT771, FAM38B2</li> <li>Protein Interaction Partner: UBC,</li> <li>Protein Size: 709</li> </ul>
Molecular Weight:	81 kDa
Gene ID:	63895
NCBI Accession:	NM_022068, NP_071351
UniProt:	Q9H5I5

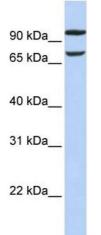
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 709 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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#### Western Blotting

**Image 1.** WB Suggested Anti-FAM38B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721\_B cell lysate PIEZO2 is supported by BioGPS gene expression data to be expressed in 721\_B

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