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Datasheet for ABIN4889406
anti-PIEZO1 antibody (C-Term)

Overview

Quantity:	100 µg
Target:	PIEZO1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIEZO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide derived from C-terminal domain of human Protein FAM38A.
Specificity:	Reacts with human Protein FAM38A
Cross-Reactivity:	Mouse (Murine), Rabbit
Cross-Reactivity (Details):	Cross-reacts with mouse, rat, rabbit, pig and other species due to sequence homology.
Purification:	Purified (protein A)

Target Details

Target:	PIEZO1
Alternative Name:	Piezo-Type Mechanosensitive Ion Channel Component 1 (PIEZO1 Products)
Background:	Pore-forming subunit of a mechanosensitive non-specific cation channel, that conducts both

Target Details

sodium and potassium ions. 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.

Gene ID: 9780

UniProt: [Q92508](#)

Application Details

Application Notes: Working dilution: Optimal dilutions should be determined by the end user.
The following are guidelines only:
WB (1:500 - 1:2000) IHC(1:50 - 1:500)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Must be reconstituted in distilled water.

Concentration: 1 mg/mL

Buffer: Tris 0,1M, glycine 0,1M, sucrose 2 %

Storage: 4 °C/-20 °C

Storage Comment: Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 24 months