

## Rabbit anti-Human PIEZO1 Antibody | anti-PIEZO1 antibody

PIEZO1 Polyclonal Antibody

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA173608</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

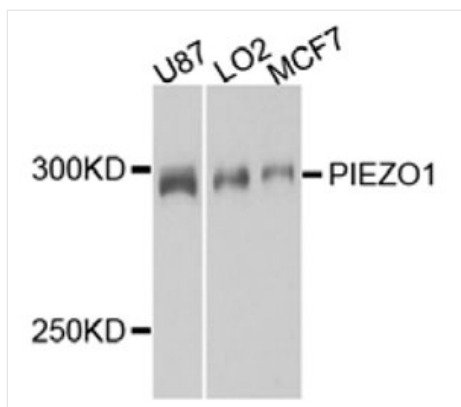
### PRODUCT SYNONYMS

PIEZO1; PIEZO1 Polyclonal Antibody; DHS; FAM38A; LMPH3; Mib; anti-PIEZO1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                  |
| Reactivity                                       | Human                                                                   |
| Isotype                                          | IgG                                                                     |
| Purity/Purification                              | Affinity purification                                                   |
| Form/Format                                      | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.                    |
| Applicable Applications for anti-PIEZO1 antibody | WB (Western Blot)                                                       |
| Immunogen                                        | Recombinant protein of human PIEZO1                                     |
| Note                                             | Centrifuge before opening to ensure complete recovery of vial contents. |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                        |

### IMAGES



WB (Western Blot)

Western Blot analysis of extracts of various cells lines with PIEZO1 Polyclonal antibody

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PIEZO1 antibody | The protein encoded by this gene is a mechanically-activated ion channel that links mechanical forces to biological signals. The encoded protein contains 36 transmembrane domains and functions as a homotetramer. Defects in this gene have been associated with dehydrated hereditary stomatocytosis. |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 257196142                                           |
| NCBI GeneID                      | 9780                                                |
| NCBI Accession #                 | NP_001136336.2                                      |
| NCBI GenBank Nucleotide #        | NM_001142864.3                                      |
| UniProt Accession #              | Q92508; Q0KKZ9; A6NHT9; A7E2B7                      |
| Molecular Weight                 | Calculated MW: 286kDa<br>Observed MW: 300kDa        |
| NCBI Official Full Name          | piezo-type mechanosensitive ion channel component 1 |
| NCBI Official Synonym Full Names | piezo type mechanosensitive ion channel component 1 |
| NCBI Official Symbol             | PIEZO1                                              |
| NCBI Official Synonym Symbols    | DHS; Mib; LMPH3; FAM38A                             |
| NCBI Protein Information         | piezo-type mechanosensitive ion channel component 1 |
| UniProt Protein Name             | Piezo-type mechanosensitive ion channel component 1 |
| UniProt Gene Name                | PIEZO1                                              |
| UniProt Synonym Gene Names       | FAM38A; KIAA0233; Mib                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/piezo1/173608>