

## Rabbit HSPA12B Polyclonal Antibody | anti-HSPA12B antibody

HSPA12B Antibody (N-term)

|                               |                       |                                                          |                                                                  |
|-------------------------------|-----------------------|----------------------------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA287029</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human (Predicted Reactivity: Mouse)</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

HSPA12B; Polyclonal Antibody; HSPA12B Antibody (N-term); Heat shock 70 kDa protein 12B; C20orf60; anti-HSPA12B antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                       |
| Reactivity                                        | Human (Predicted Reactivity: Mouse)                                                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                                                                                   |
| Isotype                                           | Rabbit Ig                                                                                                                                                                    |
| Specificity                                       | This HSPA12B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-136 amino acids from the N-terminal region of human HSPA12B.   |
| Purity/Purification                               | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                       | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                     | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                                | 108-136                                                                                                                                                                      |
| Sequence Length                                   | 685                                                                                                                                                                          |
| Applicable Applications for anti-HSPA12B antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                      | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                    | HUMAN                                                                                                                                                                        |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### IHC (Immunohistochemistry)

HSPA12B Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HSPA12B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### WB (Western Blot)

HSPA12B Antibody (N-term) western blot analysis in SiHa cell line lysates (35ug/lane). This demonstrates the HSPA12B antibody detected the HSPA12B protein (arrow).

## ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSPA12B antibody | The protein encoded by this gene contains an atypical heat shock protein 70 (Hsp70) ATPase domain and is therefore a distant member of the mammalian Hsp70 family. This gene may be involved in susceptibility to atherosclerosis. Alternative splicing results in multiple transcript variants.                  |
| Product Categories/Family for anti-HSPA12B antibody   | <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                               |
| References                                            | Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)<br>Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)<br>Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)<br>Harris, S.E., et al. BMC Genet. 8, 43 (2007) :<br>Han, Z., et al. Proc. Natl. Acad. Sci. U.S.A. 100(3):1256-1261(2003) |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 309747075                                                                                         |
| NCBI GeneID                      | 116835                                                                                            |
| NCBI Accession #                 | <a href="#">NP_001184256.1</a> ; <a href="#">NP_443202.3</a>                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001197327.1</a>                                                                    |
| UniProt Accession #              | <a href="#">Q96MM6</a> ; <a href="#">Q2TAK3</a> ; <a href="#">Q9BR52</a> ; <a href="#">D3DVX7</a> |
| Molecular Weight                 | 75688                                                                                             |
| NCBI Official Full Name          | heat shock 70 kDa protein 12B isoform 2                                                           |
| NCBI Official Synonym Full Names | heat shock 70kD protein 12B                                                                       |
| NCBI Official Symbol             | HSPA12B                                                                                           |
| NCBI Official Synonym Symbols    | C20orf60; dJ11009E24.2                                                                            |
| NCBI Protein Information         | heat shock 70 kDa protein 12B                                                                     |
| UniProt Protein Name             | Heat shock 70 kDa protein 12B                                                                     |
| UniProt Gene Name                | <b>HSPA12B</b>                                                                                    |
| UniProt Synonym Gene Names       | C20orf60                                                                                          |
| UniProt Entry Name               | HS12B_HUMAN                                                                                       |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hspa12b-antibody-immunohistochemistry-western-blot-elisa/287029>