

## Rabbit ORML2 Polyclonal Antibody | anti-ORMDL2 antibody

ORML2 Antibody (Center)

| CATALOG # | HOST   | REACTIVITY                                                           | APPLICATIONS                              |
|-----------|--------|----------------------------------------------------------------------|-------------------------------------------|
| AAA285557 | Rabbit | Human (Predicted Reactivity: Bovine, Zebrafish, Xenopus, Mouse, Rat) | Western Blot, Immunohistochemistry, ELISA |

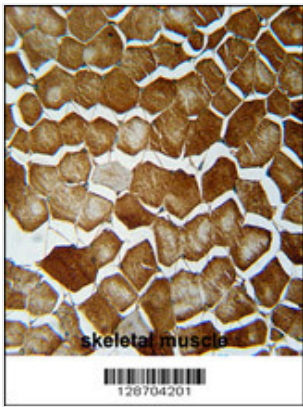
### PRODUCT SYNONYMS

ORML2; Polyclonal Antibody; ORML2 Antibody (Center); ORM1-like protein 2; Adoplin-2; ORMDL2; anti-ORMDL2 antibody

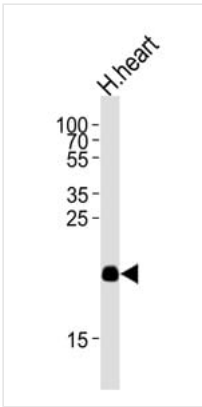
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                          |
| Reactivity                                       | Human (Predicted Reactivity: Bovine, Zebrafish, Xenopus, Mouse, Rat)                                                                                                            |
| Clonality                                        | Polyclonal                                                                                                                                                                      |
| Isotype                                          | Rabbit Ig                                                                                                                                                                       |
| Specificity                                      | This ORML2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the Central region of human ORML2.               |
| 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.    |
| Sequence Positions                               | 53-81                                                                                                                                                                           |
| Sequence Length                                  | 153                                                                                                                                                                             |
| Applicable Applications for anti-ORMDL2 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                            |
| Cellular Location                                | Endoplasmic reticulum membrane; Multi-pass membrane protein                                                                                                                     |
| Tissue Location                                  | Widely expressed. Expressed in adult and fetal heart, brain, lung, liver, skeletal muscle, and kidney. Expressed in adult pancreas and placenta and in fetal spleen and thymus. |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                           |

IMAGES



**IHC (Immunohistochemistry)**  
ORML2 Antibody (Center) 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 the ORML2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of lysate from human heart tissue lysate, using ORML2 Antibody (Center). AAA285557 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

|                                                      |                                                                  |
|------------------------------------------------------|------------------------------------------------------------------|
| Related Product Information for anti-ORMDL2 antibody | Negative regulator of sphingolipid synthesis.                    |
| Product Categories/Family for anti-ORMDL2 antibody   | Signal Transduction                                              |
| References                                           | Hjelmqvist, L., et al. Genome Biol. 3 (6), RESEARCH0027 (2002) : |

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 7661820                                     |
| NCBI GeneID                      | 29095                                       |
| NCBI Accession #                 | NP_054901.1                                 |
| NCBI GenBank Nucleotide #        | NM_014182.4                                 |
| UniProt Accession #              | Q53FV1; Q7Z4E5; Q8NFX0; Q9P004; B2RA58      |
| Molecular Weight                 | 17363                                       |
| NCBI Official Full Name          | ORM1-like protein 2                         |
| NCBI Official Synonym Full Names | ORMDL sphingolipid biosynthesis regulator 2 |
| NCBI Official Symbol             | ORMDL2                                      |
| NCBI Official Synonym Symbols    | MST095; HSPC160; MSTP095; adoplin-2         |
| NCBI Protein Information         | ORM1-like protein 2                         |
| UniProt Protein Name             | ORM1-like protein 2                         |
| UniProt Gene Name                | ORMDL2                                      |
| UniProt Entry Name               | ORML2_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.