

## Rabbit Mesp1 Polyclonal Antibody | anti-Mesp1 antibody

Mouse Mesp1 Antibody (Center)

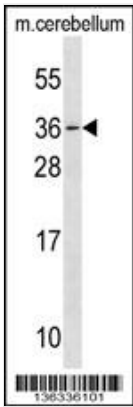
| CATALOG # | HOST   | REACTIVITY                          | APPLICATIONS        |
|-----------|--------|-------------------------------------|---------------------|
| AAA287091 | Rabbit | Mouse (Predicted Reactivity: Human) | ELISA, Western Blot |

### PRODUCT SYNONYMS

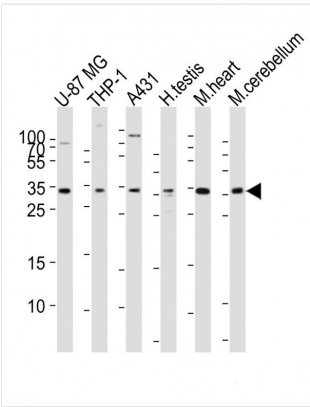
Mesp1; Polyclonal Antibody; Mouse Mesp1 Antibody (Center); Mesoderm posterior protein 1; anti-Mesp1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Mouse (Predicted Reactivity: Human)                                                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This Mouse Mesp1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-91 amino acids from the Central region of mouse Mesp1.      |
| 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                              | 62-91                                                                                                                                                                        |
| Sequence Length                                 | 243                                                                                                                                                                          |
| Applicable Applications for anti-Mesp1 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | MOUSE                                                                                                                                                                        |
| 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.                       |



**WB (Western Blot)**  
Mouse Mesp1 Antibody (Center) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the MESP1 antibody detected the MESP1 protein (arrow).



**WB (Western Blot)**  
Western blot analysis of lysates from U-87 MG, THP-1, A431 cell line, human testis, mouse heart, mouse cerebellum tissue lysate(from left to right), using MESP1 Antibody (Mouse). A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Mesp1 antibody | Mesp1 is a ranscription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways.                                                   |
| Product Categories/Family for anti-Mesp1 antibody   | Cardiovascular                                                                                                                                                                                                                                                                          |
| References                                          | Yu, S., et al. Dev. Biol. 347(1):92-108(2010)<br>Li, P., et al. Dev. Cell 18(3):480-485(2010)<br>Powers, S.E., et al. Development 137(2):249-259(2010)<br>Randall, V., et al. J. Clin. Invest. 119(11):3301-3310(2009)<br>Dominguez-Frutos, E., et al. Mech. Dev. 126(10):873-881(2009) |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 254588104                    |
| NCBI GeneID                      | 17292                        |
| NCBI Accession #                 | NP_032614.2                  |
| NCBI GenBank Nucleotide #        | NM_008588.2                  |
| UniProt Accession #              | P97309; Q059W2               |
| Molecular Weight                 | 26386                        |
| NCBI Official Full Name          | mesoderm posterior protein 1 |
| NCBI Official Synonym Full Names | mesoderm posterior 1         |
| NCBI Official Symbol             | Mesp1                        |
| NCBI Official Synonym Symbols    | bHLHc5                       |
| NCBI Protein Information         | mesoderm posterior protein 1 |
| UniProt Protein Name             | Mesoderm posterior protein 1 |
| UniProt Gene Name                | Mesp1                        |
| UniProt Entry Name               | MESP1_MOUSE                  |

**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://www.aaabiotech.com/polyclonal/mesp1-antibody-western-blot-elisa/287091>