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# Mouse Mesp1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21308c

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | P97309 |
| **Reactivity** | Mouse |
| **Predicted** | Rat |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB52439 |
| **Calculated MW** | 26386 |

## Additional Information

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| **Gene ID** | 17292 |
| **Other Names** | Mesoderm posterior protein 1, Mesp1 |
| **Target/Specificity** | This Mouse Mesp1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 138-173 amino acids from the Central region of Mouse Mesp1. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **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. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | Mouse Mesp1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Mesp1 |
| **Function** | Transcription 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. |

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| **Cellular Location** | Nucleus. |
| **Tissue Location** | No expression was detected in adult tissues except the testis. Expression in the testis was regulated developmentally; expressed 2 weeks after birth, and increases, reaching the full expression level in mature testes. |

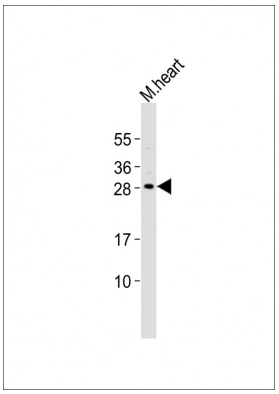
## Background

Transcription 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.

## References

Saga Y.,et al.Development 122:2769-2778(1996).
Kitajima S.,et al.Development 127:3215-3226(2000).
Takahashi Y.,et al.Development 132:787-796(2005).
Takahashi Y.,et al.Dev. Biol. 304:593-603(2007).

## Images




Anti-Mesp1 Antibody (Center)at 1:2000 dilution + mouse heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.