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Mouse Mesp1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21308c

Specification

Mouse Mesp1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P97309
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**26386**
Antigen Region	**138-173**

Mouse Mesp1 Antibody (Center) - Additional Information

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

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.

Mouse Mesp1 Antibody (Center) - Protein Information

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.

Cellular Location
Nucleus.

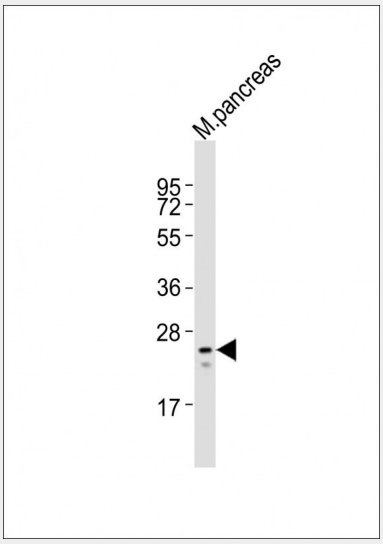
Tissue Location
No expression was detected in adult tissues except the testis. Expression in the testis was regulated developmentally; expressed 2 weeks after birth, and increases, reaching the full expression level in mature testes.

Mouse Mesp1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

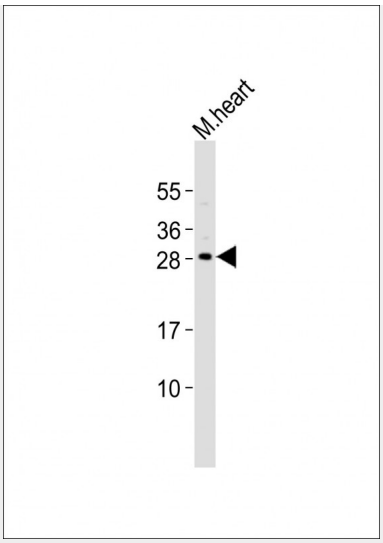
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Mesp1 Antibody (Center) - Images



Anti-Mesp1 Antibody (Center)at 1:2000 dilution + mouse pancreas 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.

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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.

Mouse Mesp1 Antibody (Center) - 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.

Mouse Mesp1 Antibody (Center) - 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).