

Rabbit Mesp1 Polyclonal Antibody | anti-Mesp1 antibody

Mouse Mesp1 Antibody (Center)

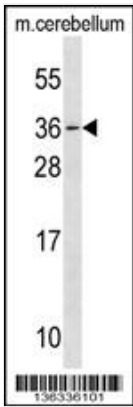
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287091	Rabbit	Mouse (Predicted Reactivity: Human)	ELISA, Western Blot

PRODUCT SYNONYMS

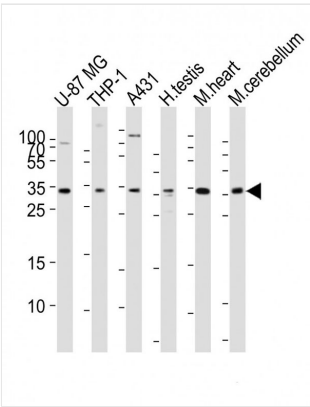
Mesp1; Polyclonal Antibody; Mouse Mesp1 Antibody (Center); Mesoderm posterior protein 1; anti-Mesp1 antibody

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) Li, P., et al. Dev. Cell 18(3):480-485(2010) Powers, S.E., et al. Development 137(2):249-259(2010) Randall, V., et al. J. Clin. Invest. 119(11):3301-3310(2009) 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://stage.aaabiotech.com/polyclonal/mesp1-antibody-western-blot-elisa/287091>