

MESP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13093a

Specification

MESP1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9BRJ9
Other Accession	NP_061140.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	46-75

MESP1 Antibody (N-term) - Additional Information

Gene ID 55897

Other Names

Mesoderm posterior protein 1, Class C basic helix-loop-helix protein 5, bHLHc5, MESP1, BHLHC5

Target/Specificity

This MESP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-75 amino acids from the N-terminal region of human MESP1.

Dilution

WB~~1:1000

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

MESP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MESP1 Antibody (N-term) - Protein Information

Name MESP1

Synonyms BHLHC5

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 (By similarity).

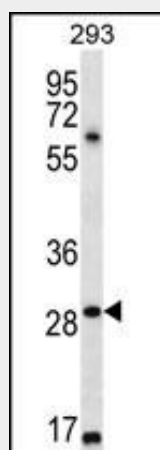
Cellular Location
Nucleus.

MESP1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MESP1 Antibody (N-term) - Images



MESP1 Antibody (N-term) (Cat. #AP13093a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the MESP1 antibody detected the MESP1 protein (arrow).

MESP1 Antibody (N-term) - Background

MESP1 is a transcription factor. It 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 (By similarity).

MESP1 Antibody (N-term) - References

David, R., et al. Nat. Cell Biol. 10(3):338-345(2008) Haraguchi, S., et al. Mech. Dev. 108 (1-2), 59-69 (2001) : Saga, Y., et al. Development 122(9):2769-2778(1996)