

Rabbit anti-Human MESP1 Polyclonal Antibody | anti-MESP1 antibody

MESP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290063	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

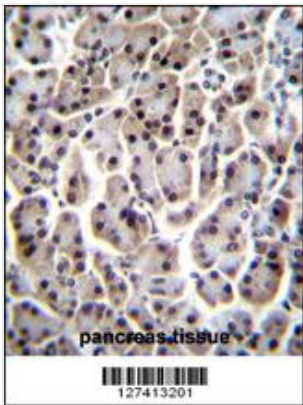
PRODUCT SYNONYMS

MESP1; Polyclonal Antibody; MESP1 Antibody (N-term); Mesoderm posterior protein 1; Class C basic helix-loop-helix protein 5; bHLHc5; BHLHC5; anti-MESP1 antibody

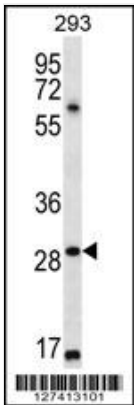
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
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	46-75
Sequence Length	268
Applicable Applications for anti-MESP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



IHC (Immunohiostchemistry)
MESP1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MESP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-MESP1 antibody	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).
Product Categories/Family for anti-MESP1 antibody	Cardiovascular
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149724
NCBI GeneID	55897
NCBI Accession #	NP_061140.1
NCBI GenBank Nucleotide #	NM_018670.3
UniProt Accession #	Q9BRJ9; Q9NSF1; Q9NSF2
Molecular Weight	28501
NCBI Official Full Name	mesoderm posterior protein 1
NCBI Official Synonym Full Names	mesoderm posterior bHLH transcription factor 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 Synonym Gene Names	BHLHC5; bHLHc5
UniProt Entry Name	MESP1_HUMAN

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-immunohistochemistry-western-blot-elisa/290063>