

Rabbit anti-Human SPEM1 Polyclonal Antibody | anti-SPEM1 antibody

SPEM1 Antibody (Center)

CATALOG # AAA286281	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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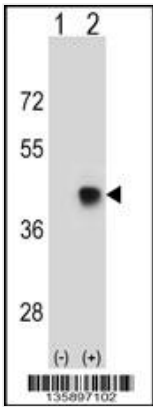
PRODUCT SYNONYMS

SPEM1; Polyclonal Antibody; SPEM1 Antibody (Center); Spermatid maturation protein 1; C17orf83; anti-SPEM1 antibody

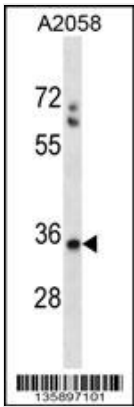
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SPEM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-143 amino acids from the Central region of human SPEM1.
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	115-143
Sequence Length	309
Applicable Applications for anti-SPEM1 antibody	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



WB (Western Blot)
Western blot analysis of SPEM1 (arrow) using rabbit polyclonal SPEM1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SPEM1 gene.



WB (Western Blot)
SPEM1 Antibody (Center) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the SPEM1 antibody detected the SPEM1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SPEM1 antibody	SPEM1 is required for proper cytoplasm removal during spermatogenesis (By similarity).
Product Categories/Family for anti-SPEM1 antibody	Developmental Biology
References	Zheng, H., et al. Proc. Natl. Acad. Sci. U.S.A. 104(16):6852-6857(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116268095
NCBI GeneID	374768
NCBI Accession #	NP_955371.2
NCBI GenBank Nucleotide #	NM_199339.2
UniProt Accession #	Q8N4L4
Molecular Weight	34773
NCBI Official Full Name	spermatid maturation protein 1
NCBI Official Synonym Full Names	spermatid maturation 1
NCBI Official Symbol	SPEM1
NCBI Official Synonym Symbols	C17orf83
NCBI Protein Information	spermatid maturation protein 1
UniProt Protein Name	Spermatid maturation protein 1
UniProt Gene Name	SPEM1
UniProt Synonym Gene Names	C17orf83
UniProt Entry Name	SPEM1_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.

