

Rabbit MEST Polyclonal Antibody | anti-MEST antibody

MEST Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323119	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

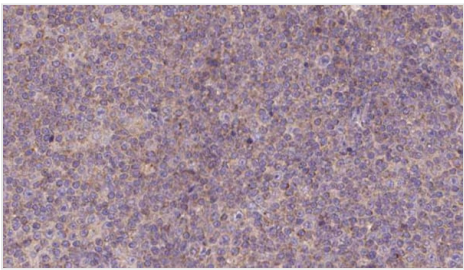
PRODUCT SYNONYMS

MEST; Polyclonal Antibody; MEST Antibody; DKFZp686L18234; EC 3.-.-.; Mesoderm specific transcript (mouse) homolog; Mesoderm specific transcript homolog (mouse); Mesoderm-specific transcript homolog protein; MEST_HUMAN; MGC111102; MGC8703; OTTHUMP00000210362; OTTHUMP00000210364; OTTHUMP00000210367; Paternally expressed gene 1; Paternally-expressed gene 1 protein; PEG1; anti-MEST antibody

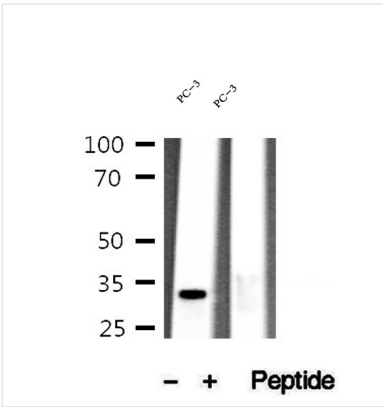
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MEST antibody detects endogenous levels of MEST.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	321
Applicable Applications for anti-MEST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MEST.
Subcellular Location	Endoplasmic Reticulum Membrane.
Tissue Specificity	Highly expressed in hydatidiform moles, but barely expressed in dermoid cysts. Biallelic expression is detected in blood lymphocytes. Seems to be imprinted in an isoform-specific manner rather than in a tissue-specific manner in lymphocytes. Isoform 1 is expressed only from the paternal allele. Isoform 2 is expressed from both the paternal allele and the maternal allele.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323119 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of PC-3 cells, using MEST antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEST antibody	Similarity: Belongs to the AB hydrolase superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	359806886
NCBI GeneID	4232
NCBI Accession #	NP_001240829.1
NCBI GenBank Nucleotide #	NM_001253900.1
UniProt Accession #	Q5EB52; O14973; O15007; Q6AI49; Q92571; B2R6S1
Molecular Weight	Observed: 34 kDa Predicted: 39 kDa
NCBI Official Full Name	mesoderm-specific transcript homolog protein isoform c
NCBI Official Synonym Full Names	mesoderm specific transcript
NCBI Official Symbol	MEST
NCBI Official Synonym Symbols	PEG1
NCBI Protein Information	mesoderm-specific transcript homolog protein
UniProt Protein Name	Mesoderm-specific transcript homolog protein
UniProt Gene Name	MEST
UniProt Synonym Gene Names	PEG1

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/mest-antibody-immunohistochemistry-western-blot-elisa/323119>