

Rabbit EMG1 Polyclonal Antibody | anti-EMG1 antibody

EMG1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198725	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

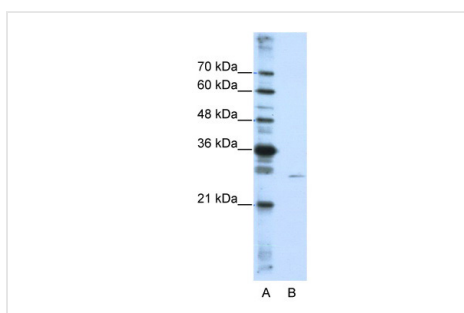
PRODUCT SYNONYMS

EMG1; Polyclonal Antibody; EMG1 antibody - N-terminal region; anti-EMG1 antibody

PRODUCT SPECIFICATIONS

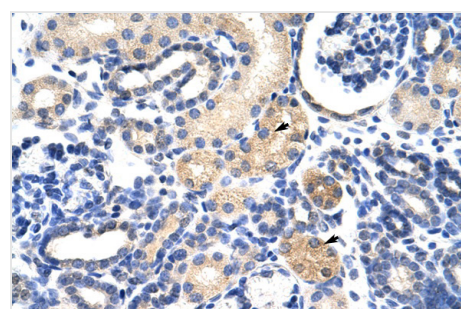
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SL ETVKVGKTYE LLNC DKH KSI LLKNGRDPGE ARPDITHQSL LMLMDSPL
Sequence Length	244
Applicable Applications for anti-EMG1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 93%; Rabbit: 92%; Rat: 93%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EMG1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-EMG1 Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
EMG1 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-EMG1 Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-EMG1 antibody	This is a rabbit polyclonal antibody against EMG1. It was validated on Western Blot and immunohistochemistry Target Description: EMG1 involved in 40S ribosomal subunit biogenesis. It seems to play a role a methylation reaction in pre-rRNA processing.
Product Categories/Family for anti-EMG1 antibody	Polyclonal; RNA Binding Proteins; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328699
NCBI GeneID	10436
NCBI Accession #	NP_006322
NCBI GenBank Nucleotide #	NM_006331
UniProt Accession #	Q92979
Molecular Weight	27kDa
NCBI Official Full Name	ribosomal RNA small subunit methyltransferase NEP1 isoform 1
NCBI Official Synonym Full Names	EMG1 N1-specific pseudouridine methyltransferase
NCBI Official Symbol	EMG1
NCBI Official Synonym Symbols	C2F; NEP1; Grcc2f
NCBI Protein Information	ribosomal RNA small subunit methyltransferase NEP1
UniProt Protein Name	Ribosomal RNA small subunit methyltransferase NEP1
UniProt Gene Name	EMG1
UniProt Entry Name	NEP1_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://stage.aaabiotech.com/polyclonal/emg1-antibody-western-blot-immunohistochemistry-elisa/198725>