

Rabbit EML4 Polyclonal Antibody | anti-EML4 antibody

EML4 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281619	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

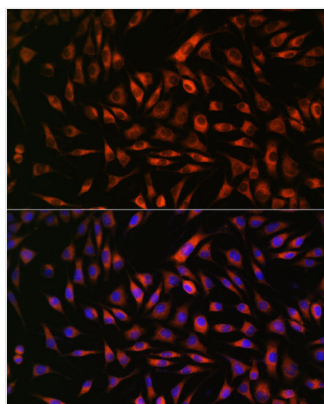
PRODUCT SYNONYMS

EML4; Polyclonal Antibody; EML4 Rabbit pAb; C2orf2; ELP120; EMAP-4; EMAPL4; ROPP120; anti-EML4 antibody

PRODUCT SPECIFICATIONS

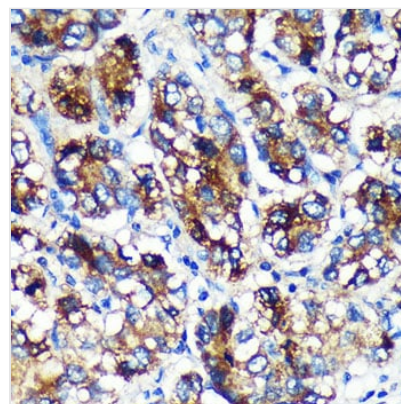
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	GTFERGVGCL DFSKADSGVH LCVIDDSNEH MLTVWDWQKK AKGAEIKTTN EVVLAVEFHP TDANTIITCG KSHIFFWTWS GNSLTRKQGI FGKYEKPKFV QCLAFLNGD VLTGDSGGVM LIWSKTTVEP TPGKGPKGVI QISKQIKAHD GSVFTLCQMR NGMLLTGGGK DRKIILWDHD LNPEREIEVP DQYGTIRAVA E
Applicable Applications for anti-EML4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 360-560 of human EML4 (NP_061936.2).
Cellular Location	Cytoplasm, cytoskeleton
Positive Samples	HepG2
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



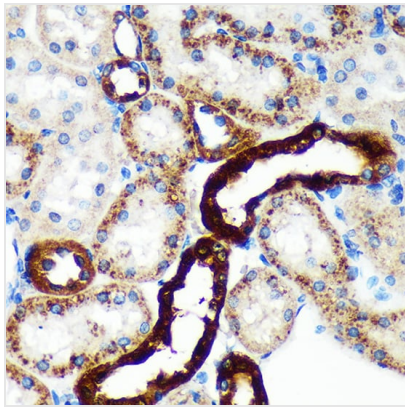
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using EML4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



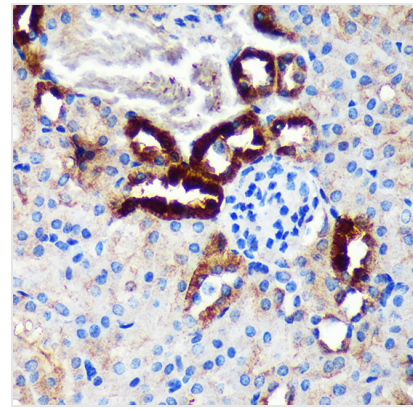
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using EML4 Rabbit pAb at dilution of 1:100 (40x lens).



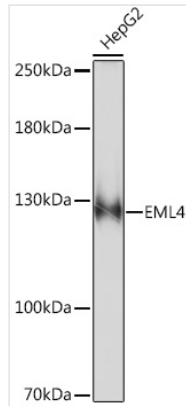
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Rat kidney using EML4 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using EML4 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using EML4 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-EML4 antibody	Background: This gene is a member of the echinoderm microtubule associated protein-like family. The encoded WD-repeat protein may be involved in microtubule formation. Abnormal fusion of parts of this gene with portions of the anaplastic lymphoma receptor tyrosine kinase gene, which generates EML4-ALK fusion transcripts, is one of the primary mutations associated with non-small cell lung cancer. Alternative splicing of this gene results in two transcript variants.
Product Categories/Family for anti-EML4 antibody	Cell Biology & Developmental Biology ; Cytoskeleton ; Microtubules

NCBI AND UNIPROT INFORMATION

NCBI GI #	223029510
NCBI GeneID	27436
NCBI Accession #	NP_001138548.1
NCBI GenBank Nucleotide #	NM_001145076.1
UniProt Accession #	Q9HC35; Q3SWW0; Q53R29; Q53TW8; Q6PJ45; Q9NV40; A6H8Y6; B2RBK3; B2RTW7; B5MCW9
Molecular Weight	108,916 Da
NCBI Official Full Name	echinoderm microtubule-associated protein-like 4 isoform b

NCBI Official Synonym Full Names	echinoderm microtubule associated protein like 4
NCBI Official Symbol	EML4
NCBI Official Synonym Symbols	C2orf2; ELP120; EMAP-4; EMAPL4; ROPP120
NCBI Protein Information	echinoderm microtubule-associated protein-like 4; ropp 120; restrictedly overexpressed proliferation-associated protein
UniProt Protein Name	Echinoderm microtubule-associated protein-like 4
UniProt Gene Name	EML4
UniProt Synonym Gene Names	C2orf2; EMAPL4; EMAP-4
UniProt Entry Name	EMAL4_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/eml4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281619>