

Rabbit anti-Human EML4 Polyclonal Antibody | anti-EML4 antibody

Rabbit anti-EML4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211676	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

EML4; Polyclonal Antibody; Rabbit anti-EML4 Antibody; Affinity Purified; ROPP120; echinoderm microtubule-associated protein-like 4; ELP120; EMAP-4; EMAPL4; restrictedly overexpressed proliferation-associated protein; ropp 120; C2orf2; Echinoderm microtubule-associated protein-like 4; echinoderm microtubule associated protein like 4; anti-EML4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-EML4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



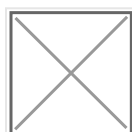
WB (Western Blot)

Detection of human EML4 by western blot. Samples: Whole cell lysate (50, 15 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EML4 antibody AAA211676 (lot AAA211676-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human EML4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EML4 antibody AAA211676 (lot AAA211676-2) used for IP at 6 ug per reaction. EML4 was also immunoprecipitated by a previous lot of this antibody (lot AAA211676-1) and rabbit anti-EML4 antibody For blotting immunoprecipitated EML4, AAA211676 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human EML4 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-EML4 (Cat. No. AAA211676 Lot2) used at a dilution of 1:1000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EML4 antibody	Echinoderm microtubule associated protein like 4 (EML4) has been identified as part of a gene fusion with the kinase domain of the anaplastic lymphoma receptor tyrosine kinase (ALK) in non-small cell lung cancer. EML4 associates with in vitro polymerized microtubules. In the cell, phosphorylated EML4 associates with the mitotic spindle and is essential for proliferation and microtubule network formation.
Product Categories/Family for anti-EML4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	27436
UniProt Accession #	Q9HC35
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/211676>