

Rabbit anti-Human, Mouse EB1 Polyclonal Antibody | anti-EB1 antibody

Rabbit anti-EB1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211847	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

EB1; Polyclonal Antibody; Rabbit anti-EB1 Antibody; Affinity Purified; adenomatous polyposis coli-binding protein EB1; microtubule-associated protein RP/EB family member 1; end-binding protein 1; APC-binding protein EB1; Microtubule-associated protein RP/EB family member 1; microtubule associated protein RP/EB family member 1; anti-EB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-EB1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 218 and C-terminus
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 and mouse EB1 by western blot (h&m) and immunoprecipitation (h).
Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-EB1 antibody AAA211847 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 10 ug/mg lysate. EB1 was also immunoprecipitated by rabbit anti-EB1 antibodies and which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human and mouse EB1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-EB1 (Cat. No. AAA211847) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EB1 antibody	End-binding protein 1 (EB1) is a member of the RP/EB family and was first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules. EB1 also associates with components of the dynactin complex and the intermediate chain of cytoplasmic dynein. Because of these associations, it is thought that EB1 is involved in the regulation of microtubule structures and chromosome stability. [taken from NCBI GeneID:22919].
Product Categories/Family for anti-EB1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912494
NCBI GeneID	22919
NCBI Accession #	NP_036457.1
NCBI GenBank Nucleotide #	NM_012325.2
UniProt Accession #	Q15691; Q3KQS8; B2R6I7; E1P5M8
Molecular Weight	29,999 Da
NCBI Official Full Name	microtubule-associated protein RP/EB family member 1
NCBI Official Synonym Full Names	microtubule-associated protein, RP/EB family, member 1
NCBI Official Symbol	MAPRE1
NCBI Official Synonym Symbols	EB1
NCBI Protein Information	microtubule-associated protein RP/EB family member 1; APC-binding protein EB1; adenomatous polyposis coli-binding protein EB1; end-binding protein 1
UniProt Protein Name	Microtubule-associated protein RP/EB family member 1
UniProt Gene Name	MAPRE1
UniProt Synonym Gene Names	EB1
UniProt Entry Name	MARE1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/eb1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211847>