

Rabbit anti-Human MAPRE2 Polyclonal Antibody | anti-MAPRE2 antibody

Anti-MAPRE2 Antibody, Rabbit Polyclonal

CATALOG # AAA256750	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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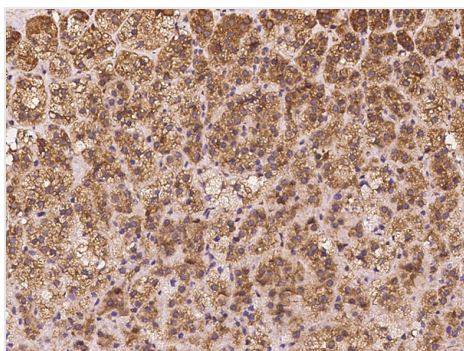
PRODUCT SYNONYMS

MAPRE2; Polyclonal Antibody; Anti-MAPRE2 Antibody; Rabbit Polyclonal; MAPRE2 Antibody; Rabbit PAb; Antigen Affinity Purified; microtubule-associated protein; RP/EB family; member 2; Anti-EB1 Antibody; Anti-EB2 Antibody; Anti-RP1 Antibody; anti-MAPRE2 antibody

PRODUCT SPECIFICATIONS

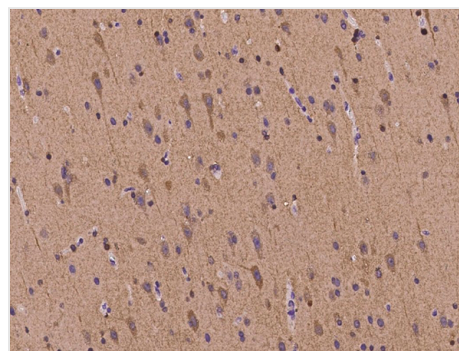
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MAPRE2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MAPRE2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human MAPRE2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MAPRE2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human MAPRE2 in human adrenal gland with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human MAPRE2 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPRE2 antibody	RP1 (synonym: MAPRE2, EB2) is a member of the microtubule-binding EB1 protein family, which interacts with APC, a key regulatory molecule in the Wnt signaling pathway. MAPRE2 encodes a member of the microtubule end-binding family of proteins that bind to the guanosine triphosphate cap at growing microtubule plus ends, and TUBB encodes a beta-tubulin isotype that is expressed abundantly in the developing brain. MAPRE2 was predominately expressed in normal pancreatic acinar cells but absent in ductal cells. In pancreatic cancer, there was strong cytoplasmic and occasionally nuclear expression of MAPRE2 in the cancer cells themselves. Increased MAPRE2 mRNA levels in bulk pancreatic cancer tissues tended to be associated with reduced postoperative survival of pancreatic cancer patients.
References	Stenner F, et al. (2013) Rp1 is a phosphorylation target of ck2 and is involved in cell adhesion. PLoS One 8 (7): e67595.Isrie M, et al. (2015) Mutations in either tubb or mapre2 cause circumferential skin creases kunze type. Am J Hum Genet 97 (6): 790-800.Abiatari I, et al. (2009) The microtubule-associated protein mapre2 is involved in perineural invasion of pancreatic cancer cells. Int J Oncol 35 (5): 1111-1116.

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://www.aaabiotech.com/polyclonal/mapre2-antibody-immunohistochemistry-elisa/256750>