

Rabbit CEPT1 Polyclonal Antibody | anti-CEPT1 antibody

CEPT1 Antibody (N-term)

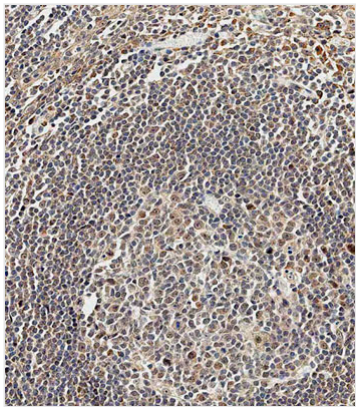
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284675	Rabbit	Human, Mouse Predicted Reactivity: Rat, Xenopus	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CEPT1; Polyclonal Antibody; CEPT1 Antibody (N-term); Choline/ethanolaminephosphotransferase 1; hCEPT1; anti-CEPT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Rat, Xenopus
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CEPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-57 amino acids from the N-terminal region of human CEPT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	29-57
Sequence Length	416
Applicable Applications for anti-CEPT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Tissue Location	Ubiquitously expressed.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



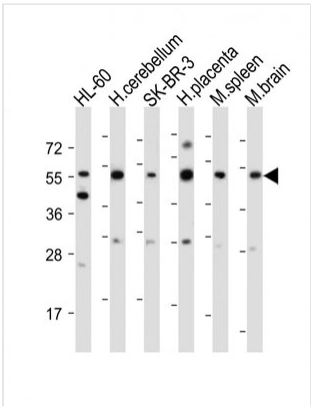
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using AP10372a performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



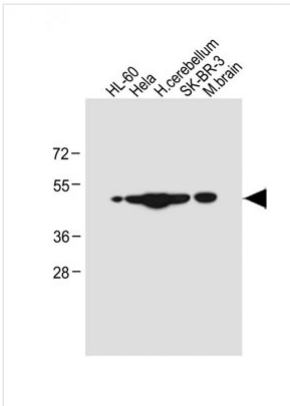
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast tissue using AP10372a performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



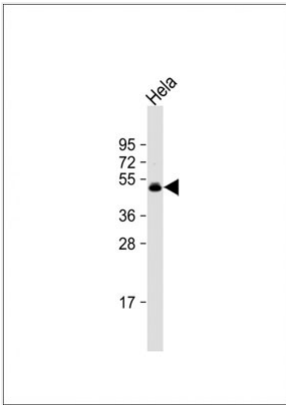
Application Data

All lanes : Anti-CEPT1 Antibody (N-term) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: Human cerebellum tissue lysate Lane 3: SK-BR-3 whole cell lysate Lane 4: Human placenta tissue lysate Lane 5: Mouse spleen tissue lysate Lane 6: Mouse brain tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Application Data

All lanes : Anti-CEPT1 Antibody (N-term) at 1:4000 dilution Lane 1: HL-60 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Human cerebellum tissue lysate Lane 4: SK-BR-3 whole cell lysate Lane 5: Mouse brain tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Application Data

Anti-CEPT1 Antibody (N-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CEPT1 antibody	Cholinephosphotransferase catalyses the final step in the synthesis of phosphatidylcholine by the transfer of phosphocholine from CDP-choline to diacylglycerol. The synthesis of phosphatidylethanolamine by ethanolaminephosphotransferase occurs using an analogous reaction. This gene codes for a choline/ethanolaminephosphotransferase. The protein can synthesize either choline- or ethanolamine- containing phospholipids. Two alternatively spliced transcripts encoding the same isoform have been identified.
Product Categories/Family for anti-CEPT1 antibody	Metabolism ; Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Lamesch, P., et al. Genomics 89(3):307-315(2007) Wright, M.M., et al. Lipids 37(7):663-672(2002) Henneberry, A.L., et al. Biochem. J. 339 (PT 2), 291-298 (1999) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	56118223
NCBI GeneID	10390
NCBI Accession #	NP_001007795.1 ; NP_006081.1
NCBI GenBank Nucleotide #	NM_001007794.1
UniProt Accession #	Q9Y6K0 ; Q69YJ9 ; Q9P0Y8
NCBI Official Full Name	choline/ethanolaminephosphotransferase 1
NCBI Official Synonym Full Names	choline/ethanolamine phosphotransferase 1
NCBI Official Symbol	CEPT1
NCBI Protein Information	choline/ethanolaminephosphotransferase 1
UniProt Protein Name	Choline/ethanolaminephosphotransferase 1
UniProt Gene Name	CEPT1
UniProt Synonym Gene Names	hCEPT1
UniProt Entry Name	CEPT1_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://www.aaabiotech.com/polyclonal/cept1-antibody-immunohistochemistry-western-blot-elisa/284675>