

Rabbit anti-Human CLPTM1L Polyclonal Antibody | anti-CLPTM1L antibody

Anti-CLPTM1L Antibody, Rabbit Polyclonal

CATALOG # AAA254883	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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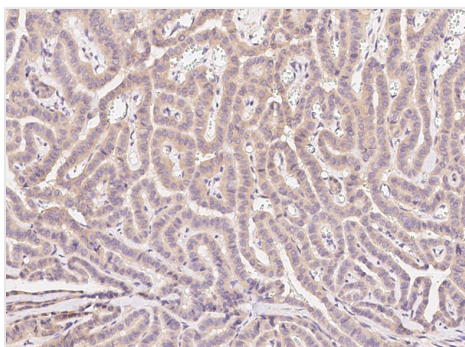
PRODUCT SYNONYMS

CLPTM1L; Polyclonal Antibody; Anti-CLPTM1L Antibody; Rabbit Polyclonal; CLPTM1L Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CRR9 Antibody; anti-CLPTM1L antibody

PRODUCT SPECIFICATIONS

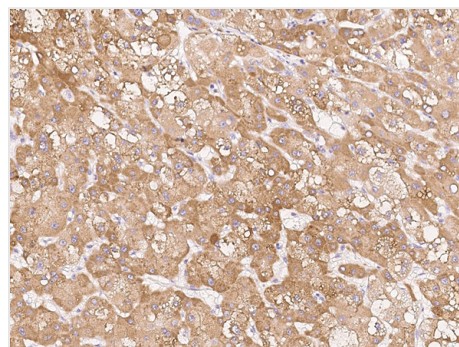
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CLPTM1L
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CLPTM1L antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human CLPTM1L
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CLPTM1L, 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human CLPTM1L in human thyroid cancer with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human CLPTM1L in human hepatoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CLPTM1L antibody	Cleft Lip and Palate Transmembrane 1-Like (CLPTM1L)/Cisplatin Resistance Related Protein 9 (CRR9), located on chromosome 5p15.33, affects multiple survival signaling pathways in tumor cells under oncogenic, genotoxic, and microenvironmental stress. The transmembrane protein CLPTM1L is overexpressed in non-small cell lung cancer, where it protects tumor cells from genotoxic apoptosis. RNA interference-mediated blockade of CLPTM1L inhibits K-Ras-induced lung tumorigenesis. CLPTM1L interacts with phosphoinositide 3-kinase and is essential for Ras-induced AKT phosphorylation. The anti-apoptotic protein Bcl-xL is regulated by CLPTM1L independently of AKT activation. Constitutive activation of AKT or Bcl-xL rescued the transformed phenotype in CLPTM1L-depleted cells. CLPTM1L is associated with lung cancer and it may be associated with anti-apoptotic mechanism which affects drug-resistance. CLPTM1L plays a protumorigenic role in Ras-driven lung cancers, with potential implications for therapy and chemosensitization.
References	Su LY, et al. (2014) Polymorphisms of tert and clptm1l and the risk of hepatocellular carcinoma in chinese males. Asian Pac J Cancer Prev 15 (19): 8197-8201. Jia J, et al. (2014) Clptm1l promotes growth and enhances aneuploidy in pancreatic cancer cells. Cancer Res 74 (10): 2785-2795. James MA, et al. (2014) Crr9/clptm1l regulates cell survival signaling and is required for ras transformation and lung tumorigenesis. Cancer Res 74 (4): 1116-1127.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359965
NCBI GeneID	81037
NCBI Accession #	NP_110409
NCBI GenBank Nucleotide #	NM_030782
UniProt Accession #	Q96KA5; Q658W6; Q7LG29; Q96AZ0; Q9H3N4; D3DTC1
Molecular Weight	58,356 Da
NCBI Official Full Name	cleft lip and palate transmembrane protein 1-like protein
NCBI Official Synonym Full Names	CLPTM1-like
NCBI Official Symbol	CLPTM1L
NCBI Official Synonym Symbols	CRR9
NCBI Protein Information	cleft lip and palate transmembrane protein 1-like protein; CLPTM1-like protein; CRR9p; cisplatin resistance related protein CRR9p; cisplatin resistance-related protein 9
UniProt Protein Name	Cleft lip and palate transmembrane protein 1-like protein
UniProt Gene Name	CLPTM1L
UniProt Synonym Gene Names	CRR9; CLPTM1-like protein; CRR9p
UniProt Entry Name	CLP1L_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/clptm1l-antibody-immunohistochemistry-elisa/254883>