10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RLLM1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58456

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9Y224
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28068

Additional Information

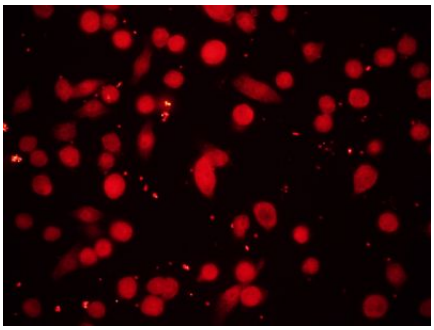
Gene ID	51637
Other Names	RNA transcription, translation and transport factor protein {ECO:0000312|HGNC:HGNC:23169}, CLE7 homolog, CLE, hCLE, RTRAF (HGNC:23169)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RTRAF (HGNC:23169)
Function	Accessory subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester (PubMed:21311021, PubMed:24870230). RNA-binding protein involved in modulation of mRNA transcription by Polymerase II (PubMed:16950395). Could also play a role in RNA transport (PubMed:24608264).
Cellular Location	Nucleus. Cytoplasm, cytosol. Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=May localize at the centrosome during mitosis (PubMed:15147888). Shuttles between the cytosol and the nucleus: enters into the nucleus in case of active transcription while it accumulates in cytosol when transcription level is low (PubMed:24608264).
Tissue Location	Widely expressed. Expressed at high level in heart and skeletal muscle. Expressed at intermediate level in liver, pancreas, fetal brain and fetal lung.

Weakly expressed in adult brain, adult lung, placenta, fetal liver and fetal kidney. Overexpressed in many brain tumors.

Images



Tissue/cell: human pancreas carcinoma (BXPC-3);4% Paraformaldehyde-fixed;
Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-RLLM1 Polyclonal Antibody, Unconjugated(AP58456) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy5 conjugated(bs-0295G-Cy5)used at 1:200 dilution for 40 minutes at 37°C.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.