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# RLLM1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58456

## Product Information

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

## Additional Information

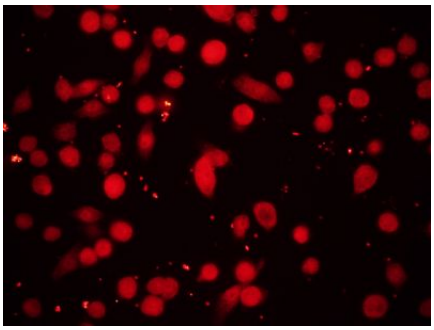
| | |
|---|---|
| **Gene ID** | 51637 |
| **Other Names** | RNA transcription, translation and transport factor protein {ECO:0000312\|HGNC:HGNC:23169}, CLE7 homolog, CLE, hCLE, RTRAF (HGNC:23169) |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store 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

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| **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'.