



# RtcB Rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-19224                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>                   | C22orf28 HSPC117                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>                   | Synthesized peptide derived from human RtcB                                                                                                                                                                                                                                                                                                             |
| <b>Specificity</b>                 | This antibody detects endogenous levels of RtcB at Human, Mouse,Rat                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                   |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | FAAP;HSPC117;C22orf28;DJ149A16.6;RTCB;C22orf28 HSPC117;tRNA-splicing ligase RtcB homolog (EC 6.5.1.3)                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>               | 55kDa                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calculated Molecular Weight</b> | 55kDa                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>                | Nucleus . Cytoplasm . Enters into the nucleus in case of active transcription while it accumulates in cytosol when transcription level is low. .                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    | Catalytic 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. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs. |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                                                         |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                    |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**