

## REEP5 rabbit pAb

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT8092  |
| <b>Reactivity :</b>          | Human;Mouse;Rat   |
| <b>Applications :</b>        | IHC;WB  |
| <b>Target :</b>              | REEP5   |
| <b>Gene Name :</b>           | REEP5 C5orf18 DP1 TB2   |
| <b>Protein Name :</b>        | Receptor expression-enhancing protein 5 (Polyposis locus protein 1) (Protein TB2)                                     |
| <b>Human Gene Id :</b>       | 7905  |
| <b>Human Swiss Prot No :</b> | Q00765  |
| <b>Mouse Swiss Prot No :</b> | Q60870  |
| <b>Rat Gene Id :</b>         | 364838  |
| <b>Rat Swiss Prot No :</b>   | B2RZ37  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human C-terminal REEP5   |
| <b>Specificity :</b>         | This antibody detects endogenous levels of REEP5 at Human, Mouse,Rat  |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500-2000 IHC 1:50-200  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 21kD

**Function :** Plays an essential role in heart function and development by regulating the organization and function of the sarcoplasmic reticulum in cardiomyocytes.

**Subcellular Location :** Endoplasmic reticulum membrane ; Multi-pass membrane protein . Sarcoplasmic reticulum membrane ; Multi-pass membrane protein . Localizes to endoplasmic reticulum tubular network (PubMed:23969831). In cardiomyocytes, localizes to the junctional sarcoplasmic reticulum membrane which is closely tethered to the cell membrane and contractile machinery (By similarity) . .

**Expression :** Expressed in heart (at protein level) (PubMed:32075961). Expressed in circumvallate papillae and testis (PubMed:16720576).

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