

## TReP-132 Polyclonal Antibody

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT4732  |
| <b>Reactivity :</b>          | Human;Mouse   |
| <b>Applications :</b>        | IHC;IF;ELISA  |
| <b>Target :</b>              | TReP-132  |
| <b>Gene Name :</b>           | TRERF1  |
| <b>Protein Name :</b>        | Transcriptional-regulating factor 1   |
| <b>Human Gene Id :</b>       | 55809   |
| <b>Human Swiss Prot No :</b> | Q96PN7  |
| <b>Mouse Gene Id :</b>       | 224829  |
| <b>Mouse Swiss Prot No :</b> | Q8BXJ2  |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human TREF1. AA range:1071-1120                   |
| <b>Specificity :</b>         | TReP-132 Polyclonal Antibody detects endogenous levels of TReP-132 protein.   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | IHC 1:100 - 1:300. ELISA: 1:5000.. IF 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   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |

---

**Molecularweight :** 132kD

---

**Background :** This gene encodes a zinc-finger transcriptional regulating protein which interacts with CBP/p300 to regulate the human gene CYP11A1. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014],

---

**Function :** function:Activates transcription of CYP11A1. Interaction with CREBBP and EP300 results in a synergistic transcriptional activation of CYP11A1.,similarity:Contains 1 ELM2 domain.,similarity:Contains 1 SANT domain.,similarity:Contains 3 C2H2-type zinc fingers.,subunit:Interacts with CREBBP and EP300.,tissue specificity:Highest expression was seen in thymus, testis and adrenal cortex, expressed also in the adrenal medulla, thyroid, and stomach. Highly expressed in steroidogenic JEG-3 and MCF-7 cells, low expression was seen in non-steroidogenic HepG2 and HK293 cells.,

---

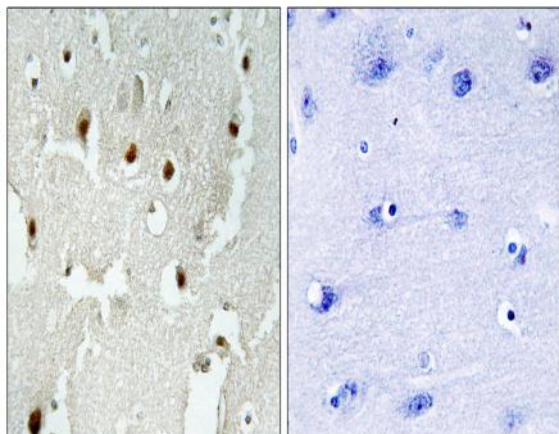
**Subcellular Location :** Nucleus .

---

**Expression :** Highest expression was seen in thymus, testis and adrenal cortex, expressed also in the adrenal medulla, thyroid, and stomach. Highly expressed in steroidogenic JEG-3 and MCF-7 cells, low expression was seen in non-steroidogenic Hep-G2 and HEK293 cells.

---

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TREF1 Antibody. The picture on the right is blocked with the synthesized peptide.