



# TReP-132 Polyclonal Antibody

<b>Catalog No</b>	BYab-03338
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	TRERF1
<b>Protein Name</b>	Transcriptional-regulating factor 1
<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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TRERF1; BCAR2; RAPA; TREP132; Transcriptional-regulating factor 1; Breast cancer anti-estrogen resistance 2; Transcriptional-regulating protein 132; Zinc finger protein rapa; Zinc finger transcription factor TReP-132
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	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.
<b>Function</b>	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

**Nanjing BYabscience technology Co.,Ltd**



non-steroidogenic HepG2 and HK293 cells.,

**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],

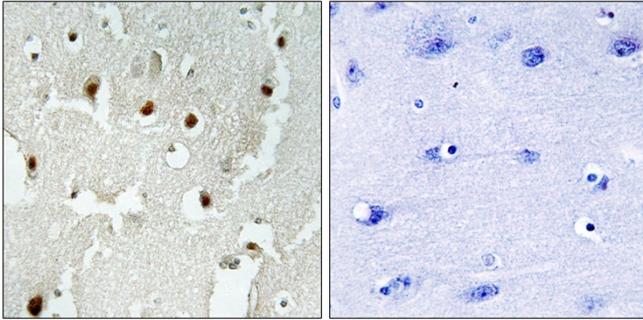
**matters needing attention**

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



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