Best Tools for immunology Research

TReP-132 Polyclonal Antibody

Catalog No :	YT4732
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	TReP-132
Gene Name :	TRERF1
Protein Name :	Transcriptional-regulating factor 1
Human Gene Id :	55809
Human Swiss Prot No :	Q96PN7
Mouse Gene Id :	224829
Mouse Swiss Prot No :	Q8BXJ2
Immunogen :	The antiserum was produced against synthesized peptide derived from human TREF1. AA range:1071-1120
Specificity :	TReP-132 Polyclonal Antibody detects endogenous levels of TReP-132 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-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.

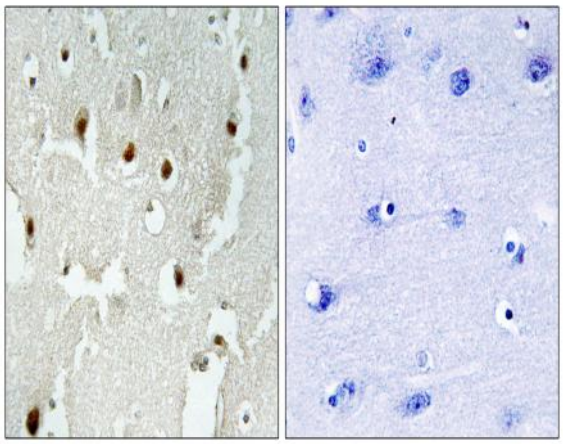
Sort : 23513

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



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