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Anti-TRERF1 Antibody

Catalog # AP54094

Product Information

Application	WB
Primary Accession	Q96PN7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132256

Additional Information

Gene ID	55809
Other Names	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
Target/Specificity	Recognizes endogenous levels of TRERF1 protein.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

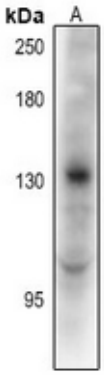
Protein Information

Name	TRERF1
Synonyms	BCAR2, RAPA, TREP132
Function	Binds DNA and activates transcription of CYP11A1. Interaction with CREBBP and EP300 results in a synergistic transcriptional activation of CYP11A1.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00512, ECO:0000255|PROSITE-ProRule:PRU00624, ECO:0000269|PubMed:11349124, ECO:0000269|PubMed:16371131}
Tissue Location	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

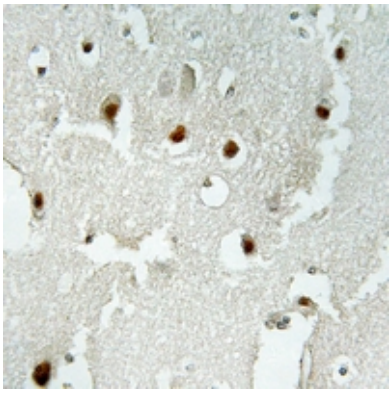
Background

Rabbit polyclonal antibody to TRERF1

Images



Western blot analysis of TRERF1 expression in HEK293T (A) whole cell lysates.



Immunohistochemical analysis of TRERF1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.