

Rabbit anti-Human TREF1 Polyclonal Antibody | anti-TRERF1 antibody

TREF1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283607	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

TREF1; Polyclonal Antibody; TREF1 Antibody (C-term); Transcriptional-regulating factor 1; Breast cancer anti-estrogen resistance 2; Transcriptional-regulating protein 132; Zinc finger protein rapa; Zinc finger transcription factor TRP-132; TRERF1; BCAR2; RAPA; TREP132; anti-TRERF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TREF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1136-1164 amino acids from the C-terminal region of human TREF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1136-1164
Sequence Length	1200
Applicable Applications for anti-TRERF1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

TREF1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of TREF1 Antibody (C-term) in K562 cell line lysates (35ug/lane). TREF1 (arrow) was detected using the purified Pab.



IF (Immunofluorescence)

Fluorescent image of MCF-7 cell stained with TREF1 Antibody (C-term). MCF-7 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TREF1 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). TREF1 immunoreactivity is localized to Nucleus significantly.

ADDITIONAL INFORMATION

Related Product Information for anti-TRERF1 antibody	TREF1 encodes a zinc-finger transcriptional regulating protein which interacts with CBP/p300 to regulate the human gene CYP11A1.
Product Categories/Family for anti-TRERF1 antibody	Cell Biology; Metabolism; Signal transduction
References	Gizard,F. Mol. Cell. Biol. 26 (20), 7632-7644 (2006) Gizard,F. Mol. Cell. Biol. 25 (11), 4335-4348 (2005) Beausoleil,S.A. Proc. Natl. Acad. Sci. U.S.A. 101 (33), 12130-12135 (2004) Gizard,F. J. Mol. Endocrinol. 32 (2), 557-569 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15812226
NCBI GeneID	55809
NCBI Accession #	NP_277037.1
NCBI GenBank Nucleotide #	NM_033502.3
UniProt Accession #	Q96PN7; Q05GC6; Q7Z6T2; Q7Z6T3; Q9NQ72; Q9NQ73; Q9NUN9
Molecular Weight	132256
NCBI Official Full Name	transcriptional-regulating factor 1 isoform 2
NCBI Official Synonym Full Names	transcriptional regulating factor 1
NCBI Official Symbol	TRERF1
NCBI Official Synonym Symbols	RAPA; BCAR2; TREP132; TReP-132; HSA277276; dJ139D8.5
NCBI Protein Information	transcriptional-regulating factor 1
UniProt Protein Name	Transcriptional-regulating factor 1
UniProt Gene Name	TRERF1
UniProt Synonym Gene Names	BCAR2; RAPA; TREP132
UniProt Entry Name	TREF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.