

Product datasheet for **TA336504**

GPR44 (PTGDR2) Rabbit Polyclonal Antibody

Product data:

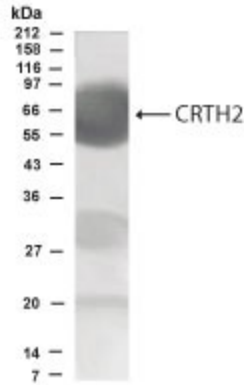
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:100-1:2000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to residues 329-348 [DSELGGAGSSRRRRTSSTA] of the CRTH2 (GPR44) protein.
Formulation:	PBS, 0.02% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43.2 kDa
Gene Name:	prostaglandin D2 receptor 2
Database Link:	NP_004769 Entrez Gene 11251 Human Q9Y5Y4
Background:	GPCR GPR44 has been reported to be expressed in the central nervous system, peripheral tissues, and in blood cells, particularly activated T helper-2 cells. Two transcripts have been isolated: a 3.5 kb transcript expressed primarily in the thalamus, frontal cortex, pons and hippocampus; and a 3.4 kb transcript expressed in fetal liver, leukocytes and thymus. ESTs have been isolated from B-cell/lung/testis, brain, kidney, liver/spleen, placenta, prostate, testis and thymus libraries.
Synonyms:	CD294; CRTH2; DL1R; DP2; GPR44
Note:	This antibody is useful for Western Blot.



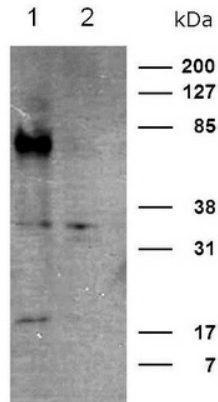
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Protein Families: Druggable Genome, GPCR, Transmembrane

Product images:



Western Blot: GPR44 Antibody TA336504 - Analysis of GPR44 in GPR44 transfected Jurkat cells using GPR44 antibody at 1:500 dilution. Does not detect GPR44 in non-transfected parental Jurkat cells.



Western Blot: GPR44 Antibody TA336504 - WB detection of GPR44 in membrane fractions prepared from GPR44 / CRTH2 transiently transfected HEK 293 cells (Lane 1) and non-transfected HEK 293 cells (Lane 2) using GPR44 polyclonal antibody TA336504 at a dilu