

Rabbit anti-Human GPR17 Polyclonal Antibody | anti-GPR17 antibody

GPR17 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287223	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

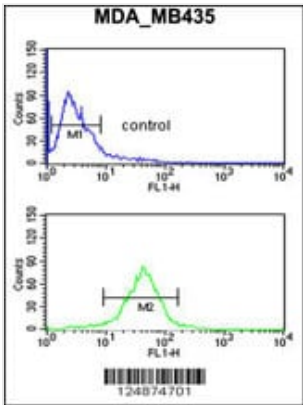
PRODUCT SYNONYMS

GPR17; Polyclonal Antibody; GPR17 Antibody (Center); Uracil nucleotide/cysteinyl leukotriene receptor; UDP/CysLT receptor; G-protein coupled receptor 17; P2Y-like receptor; R12; anti-GPR17 antibody

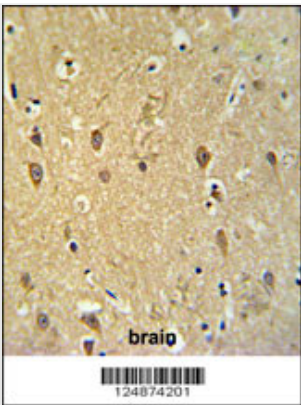
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPR17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 230-258 amino acids from the Central region of human GPR17.
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	230-258
Sequence Length	339
Applicable Applications for anti-GPR17 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.

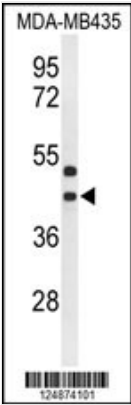
IMAGES



FCM/FACS (Flow Cytometry)
GPR17 Antibody (Center) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
GPR17 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPR17 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of GPR17 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane). GPR17 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR17 antibody	Members of the G protein coupled receptor (GPCR) superfamily contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. The organization of the GPR17 gene differs from that of many other GPCRs in that the open reading frame is distributed on 2 exons; an additional exon contains the 5 prime untranslated region. Human GPR17 is expressed as 2.3 and 6.3 kb mRNAs exclusively in brain. The 2 transcripts appear to represent alternatively polyadenylated variants. Based on protein sequence homology and the conservation of certain key residues, GPR17 appears to be closely related to the P2Y family of GPCRs. There are two nemed isoforms.
Product Categories/Family for anti-GPR17 antibody	Neuroscience; Signal Transduction ; GPCR Antibodies
References	Pugliese, A.M., et al. Am. J. Physiol., Cell Physiol. 297 (4), C1028-C1040 (2009) Parravicini, C., et al. BMC Bioinformatics 9, 263 (2008) Ciana, P., et al. EMBO J. 25(19):4615-4627(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	238814302
NCBI GeneID	2840
NCBI Accession #	NP_001154887.1 ; NP_001154888.1 ; NP_001154889.1 ; NP_005282.1

NCBI GenBank Nucleotide #	NM_001161415.1
UniProt Accession #	Q13304 ; Q8N5S7 ; Q9UDZ6 ; Q9UE21 ; A8K9L0 ; B2R9X0
Molecular Weight	40989
NCBI Official Full Name	uracil nucleotide/cysteinyl leukotriene receptor isoform a
NCBI Official Synonym Full Names	G protein-coupled receptor 17
NCBI Official Symbol	GPR17
NCBI Protein Information	uracil nucleotide/cysteinyl leukotriene receptor
UniProt Protein Name	Uracil nucleotide/cysteinyl leukotriene receptor
UniProt Gene Name	GPR17
UniProt Synonym Gene Names	UDP/CysLT receptor
UniProt Entry Name	GPR17_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gpr17-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287223>