

Rabbit anti-Human GPR142 Polyclonal Antibody | anti-GPR142 antibody

GPR142 Antibody (N-term)

CATALOG # AAA288045	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

GPR142; Polyclonal Antibody; GPR142 Antibody (N-term); Probable G-protein coupled receptor 142; G-protein coupled receptor PGR2; PGR2; anti-GPR142 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPR142 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-114 amino acids from the N-terminal region of human GPR142.
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	86-114
Sequence Length	462
Applicable Applications for anti-GPR142 antibody	FCM/FACS (Flow Cytometry), 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)

GPR142 Antibody (N-term) flow cytometric analysis of HL-60 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)

GPR142 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the GPR142 antibody detected the GPR142 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GPR142 antibody	GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).
Product Categories/Family for anti-GPR142 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Matsuo, A., et al. Biochem. Biophys. Res. Commun. 331(1):363-369(2005) Fredriksson, R., et al. FEBS Lett. 554(3):381-388(2003) Vassilatis, D.K., et al. Proc. Natl. Acad. Sci. U.S.A. 100(8):4903-4908(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32401433
NCBI GeneID	350383
NCBI Accession #	NP_861455.1
NCBI GenBank Nucleotide #	NM_181790.1
UniProt Accession #	Q7Z601; Q86SL3; A4CYJ8
Molecular Weight	51106
NCBI Official Full Name	probable G-protein coupled receptor 142
NCBI Official Synonym Full Names	G protein-coupled receptor 142
NCBI Official Symbol	GPR142
NCBI Official Synonym Symbols	PGR2
NCBI Protein Information	probable G-protein coupled receptor 142
UniProt Protein Name	Probable G-protein coupled receptor 142
UniProt Gene Name	GPR142
UniProt Synonym Gene Names	PGR2
UniProt Entry Name	GP142_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://stage.aaabiotech.com/polyclonal/gpr142-antibody-flow-cytometry-western-blot-elisa/288045>