

Rabbit GPR132 / G2A Polyclonal Antibody | anti-GPR132 antibody

Rabbit Polyclonal to Human GPR132 / G2A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51180	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

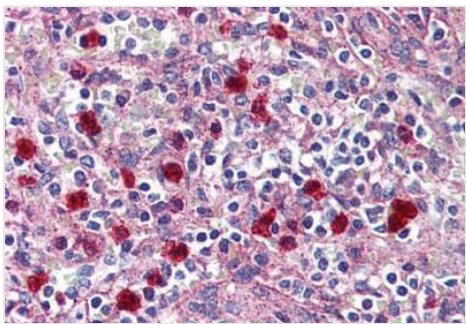
PRODUCT SYNONYMS

GPR132 / G2A; Polyclonal Antibody; Rabbit Polyclonal to Human GPR132 / G2A; Anti-GPR132 / G2A Antibody (C-Terminus) IHC-plus; GPR132; G2A; G protein-coupled receptor 132; G protein-coupled receptor G2A; G2 accumulation protein; G2a receptor; Human GPR132; anti-GPR132 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR132 / G2A. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except DNAH8 (50%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-GPR132 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from C-terminal cytoplasmic domain of human GPR132 / G2A. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Hamster, Panda (89%); Marmoset, Mouse, Rat, Elephant (83%).
Immunogen Type	Synthetic peptide
Immunogen	GPR132 / G2A antibody was raised against synthetic 18 amino acid peptide from C-terminal cytoplasmic domain of human GPR132 / G2A. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Hamster, Panda (89%); Marmoset, Mouse, Rat, Elephant (83%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPR132 / G2A antibody IHC of human spleen, red pulp. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR132 / G2A antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR132 antibody	G2A belongs to the Lysophospholipid/Lysosphingolipid Receptor family and is an anti-proliferative cell cycle regulator that plays a critical role in controlling peripheral lymphocyte homeostasis. Loss of G2A expression leads to the development of a late-onset autoimmune syndrome (Le et al, 2001). Lysophosphatidylcholine (LPC) is the activating ligand for G2A.
Product Categories/Family for anti-GPR132 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019387
NCBI GeneID	29933
NCBI Accession #	NP_037477.1
NCBI GenBank Nucleotide #	NM_013345.3
UniProt Accession #	Q9UNW8; Q9BSU2; A8K7X7; B4E144
Molecular Weight	41,462 Da
NCBI Official Full Name	probable G-protein coupled receptor 132 isoform 1
NCBI Official Synonym Full Names	G protein-coupled receptor 132
NCBI Official Symbol	GPR132
NCBI Official Synonym Symbols	G2A
NCBI Protein Information	probable G-protein coupled receptor 132; G2 accumulation protein
UniProt Protein Name	Probable G-protein coupled receptor 132
UniProt Gene Name	GPR132
UniProt Synonym Gene Names	G2A
UniProt Entry Name	GP132_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.