

Rabbit GPR65 / TDAG8 Polyclonal Antibody | anti-GPR65 antibody

Rabbit Polyclonal to Human GPR65 / TDAG8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51444	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey, Mouse, Rat, Bat, Dog, Horse, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

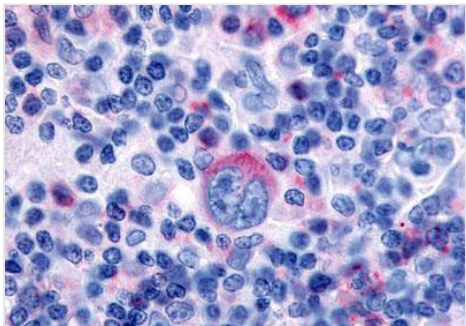
PRODUCT SYNONYMS

GPR65 / TDAG8; Polyclonal Antibody; Rabbit Polyclonal to Human GPR65 / TDAG8; Anti-GPR65 / TDAG8 Antibody (Cytoplasmic Domain) IHC-plus; GPR65; G-protein coupled receptor 65; Gpcr25; HTDAG8; TDAG8; T-cell death-associated gene 8; Psychosine receptor; G protein-coupled receptor 65; Human GPR65; anti-GPR65 antibody

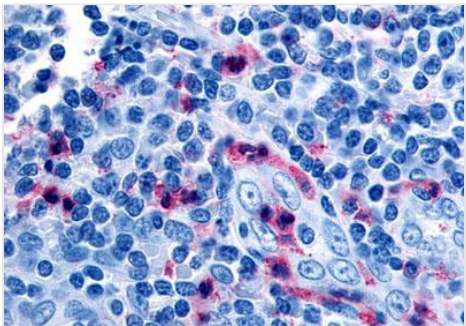
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey, Mouse, Rat, Bat, Dog, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR65. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-GPR65 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human GPR65. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Panda, Horse, Pig (94%); Bovine, Hamster, Rabbit.
Immunogen Type	Synthetic peptide
Immunogen	GPR65 / TDAG8 antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human GPR65. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Panda, Horse, Pig (94%); Bovine, Hamster, Rabbit, Platypus (88%); Elephant, Opossum (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

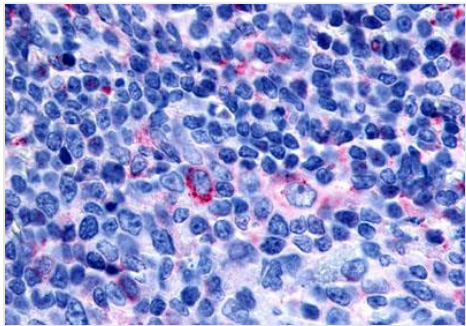
IMAGES



IHC (Immunohistochemistry)
Anti-GPR65 / TDAG8 antibody IHC of human Lymph Node, Hodgkins Lymphoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR65 / TDAG8 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR65 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR65 antibody	GPR65 (TDAG8), a Lysophospholipid/Lysosphingolipid Receptor, is a molecular target for psychosine, a toxic lipid formed by the breakdown of galactosylceramide (cerebroside). A build-up of psychosine, caused by the lack of galactosylceramidase, results in the death of the myelin-synthesizing cells, oligodendrocytes, which is associated with Krabbe disease.
Product Categories/Family for anti-GPR65 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	33695104
NCBI GeneID	8477
NCBI Accession #	NP_003599.2
NCBI GenBank Nucleotide #	NM_003608.3
UniProt Accession #	Q8IYL9; O75819
Molecular Weight	39,333 Da
NCBI Official Full Name	psychosine receptor
NCBI Official Synonym Full Names	G protein-coupled receptor 65
NCBI Official Symbol	GPR65
NCBI Official Synonym Symbols	TDAG8; hTDAG8

NCBI Protein Information	psychosine receptor; G-protein coupled receptor 65; T-cell death-associated gene 8 protein
UniProt Protein Name	Psychosine receptor
UniProt Gene Name	GPR65
UniProt Synonym Gene Names	TDAG8
UniProt Entry Name	PSYR_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/gpr65-tdag8-antibody-immunohistochemistry-elisa/51444>