PSYR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSYR, Polyclonal Antibody
Full Product Name	PSYR Polyclonal Antibody
Product Gene Name	anti-PSYR antibody
Product Synonym Names	Psychosine receptor; G-protein coupled receptor 65; T-cell death-associated gene 8 protein; GPR65; TDAG8
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	37
OMIM	604620
3D Structure	ModBase 3D Structure for Q8IYL9
Immunogen	Synthesized peptide derived from human protein. at AA range: 200-280
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSYR antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PSYR antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-PSYR antibody	MBS8532043 is an antibody targeting PSYR. Also known as PSYR Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-PSYR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSYR. It may not necessarily be applicable to this product.

NCBI GI #	33695104
NCBI GeneID	8477
NCBI Accession #	NP_003599.2
UniProt Primary Accession #	Q8IYL9
UniProt Secondary Accession #	O75819
UniProt Related Accession #	Q8IYL9
GenBank Nucleotide #	NM_003608.3

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
UniProt Protein Name	Psychosine receptor
UniProt Synonym Protein Names	G-protein coupled receptor 65; T-cell death-associated gene 8 protein
UniProt Gene Name	GPR65
UniProt Synonym Gene Names	TDAG8
NCBI Protein Information	psychosine receptor
UniProt Comments for PSYR	Receptor for the glycosphingolipid psychosine (PSY) and several related glycosphingolipids (PubMed:11309421). Plays a role in immune response by maintaining lysosome function and supporting phagocytosis-mediated intracellular bacteria clearance (PubMed:27287411). May have a role in activation-induced cell death or differentiation of T-cells ().
Research Articles on PSYR	**1.** this study establishes a role for GPR65 in inflammatory bowel disease susceptibility and identify lysosomal dysfunction as a potentially causative element in pathogenesis
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