GPR78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR78, Polyclonal Antibody
Full Product Name	GPR78, ID (GPR78, G-protein coupled receptor 78) (MaxLight 490)
Product Gene Name	anti-GPR78 antibody
Product Synonym Names	GPR78; G-protein coupled receptor 78
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	39,332 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (8581964..8591750). Location: 4p16.1
OMIM	606921
3D Structure	ModBase 3D Structure for Q96P69
Immunogen	GPR78 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the Central region of human GPR78.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-GPR78 antibody	Antibodies; G Protein Receptors
Applications Tested/Suitable for anti-GPR78 antibody	Western Blot (WB), FLISA
Application Notes for anti-GPR78 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-GPR78 antibody	G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.
Product References and Citations for anti-GPR78 antibody	Zhu, X., et al. World J. Gastroenterol. 15(39):4958-4961(2009). Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009): Jones, P.G., et al. Biochim. Biophys. Acta 1770(6):890-901(2007). Underwood, S.L., et al. Mol. Psychiatry 11(4):384-394(2006). Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003).
Other Notes	Small volumes of anti-GPR78 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.

Searchable Terms for GPR78 purchase	MBS6304025 is an antibody targeting GPR78. Also known as GPR78, ID (GPR78, G-protein coupled receptor 78) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR78. It may not necessarily be applicable to this product.

NCBI GI #	36951034
NCBI GeneID	27201
NCBI Accession #	NP_543009.2
UniProt Primary Accession #	Q96P69
UniProt Secondary Accession #	Q8NGV3
UniProt Related Accession #	Q96P69
GenBank Nucleotide #	NM_080819.4
NCBI Official Full Name	G-protein coupled receptor 78
NCBI Official Synonym Full Names	G protein-coupled receptor 78
NCBI Official Symbol	GPR78
UniProt Protein Name	G-protein coupled receptor 78
Protein Family	G-protein coupled receptor
UniProt Gene Name	GPR78
UniProt Entry Name	GPR78_HUMAN
NCBI Protein Information	G-protein coupled receptor 78
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