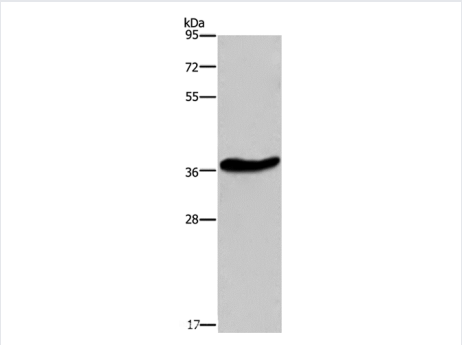
GPR78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR78, Polyclonal Antibody
Full Product Name	GPR78 Polyclonal Antibody
Product Gene Name	anti-GPR78 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	1.9mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	39,332 Da
OMIM	606921
Immunogen	Synthetic peptide of human GPR78
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GPR78 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-GPR78 antibody	WB: 1:200-1:1000
Related Product Information for anti-GPR78 antibody	The protein encoded by this gene belongs to the G protein-coupled receptor family, which contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene.
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	MBS2527712 is an antibody targeting GPR78. Also known as GPR78 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-GPR78 antibody
Western Blot analysis of Mouse brain tissue using GPR78 Polyclonal Antibody at dilution of 1:200

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 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
UniProt Comments for GPR78	GPR78: Orphan receptor. Displays a significant level of constitutive activity. Its effect is mediated by G(s)-alpha protein that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, multi-pass; GPCR, family 1; Membrane protein, integral; Receptor, GPCR Chromosomal Location of Human Ortholog: 4p16.1 Cellular Component: plasma membrane; integral to membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein signaling, adenylate cyclase activating pathway
Research Articles on GPR78	**1.** Observational study of gene-disease association. (HuGE Navigator)

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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