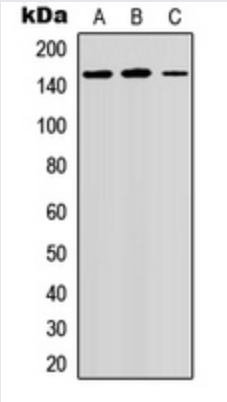
GPR158 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GPR158, Polyclonal Antibody
Full Product Name	Rabbit anti-GPR158 Antibody
Product Gene Name	anti-GPR158 antibody
Product Synonym Names	KIAA1136; Probable G-protein coupled receptor 158
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	135,489 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (25464290..25891158). Location: 10p12.1
OMIM	614573
3D Structure	ModBase 3D Structure for Q5T848
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GPR158. The exact sequence is proprietary.
Product Categories/Family for anti-GPR158 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-GPR158 antibody	Western Blot (WB)
Application Notes for anti-GPR158 antibody	WB: 1:500-1:1000
Related Product Information for anti-GPR158 antibody	MBS4504814 is an antibody targeting GPR158. Also known as Rabbit anti-GPR158 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-GPR158 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.



Western Blot (WB) of anti-GPR158 antibody
Western blot analysis of GPR158 expression in COLO205 (A), HeLa (B), mouse brain (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GPR158. It may not necessarily be applicable to this product.

NCBI GI #	93204867
NCBI GeneID	57512
NCBI Accession #	NP_065803.2
UniProt Primary Accession #	Q5T848
UniProt Secondary Accession #	Q6QR81; Q9ULT3
UniProt Related Accession #	Q5T848
GenBank Nucleotide #	NM_020752.2
NCBI Official Full Name	probable G-protein coupled receptor 158
NCBI Official Synonym Full Names	G protein-coupled receptor 158
NCBI Official Symbol	GPR158
NCBI Official Synonym Symbols	RP11-59G22.1
UniProt Protein Name	Probable G-protein coupled receptor 158
Protein Family	Probable G-protein coupled receptor
UniProt Gene Name	GPR158
UniProt Synonym Gene Names	KIAA1136
UniProt Entry Name	GP158_HUMAN
NCBI Protein Information	probable G-protein coupled receptor 158
UniProt Comments for GPR158	GPR158: a member of the metabotropic glutamate family of G-protein coupled receptor 3 family. Protein type: GPCR, family 3; Receptor, GPCR; Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 10p12.1 Cellular Component: plasma membrane; integral to membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; regulation of G-protein coupled receptor protein signaling pathway

Research Articles on GPR158	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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