ADGRA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ADGRA3, Polyclonal Antibody
Full Product Name	ADGRA3 Polyclonal Conjugated Antibody
Product Gene Name	anti-ADGRA3 antibody
Product Synonym Names	ADGRA3; GPR125; PGR21; TEM5L; adhesion G protein-coupled receptor A3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	42,973 Da
OMIM	AY181243 mRNA
3D Structure	ModBase 3D Structure for Q8IWK6
Immunogen	Recombinant fusion protein of human ADGRA3 (NP_660333.2).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-ADGRA3 antibody	Most Applications
Application Notes for anti-ADGRA3 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-ADGRA3 antibody	This gene encodes a member of the G protein-coupled receptor superfamily. This membrane protein may play a role in tumor angiogenesis through its interaction with the human homolog of the Drosophila disc large tumor suppressor gene. This gene is mapped to a candidate region of chromosome 4 which may be associated with bipolar disorder and schizophrenia.
Other Notes	Small volumes of anti-ADGRA3 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 ADGRA3 purchase	MBS9440676 is an antibody targeting ADGRA3. Also known as ADGRA3 Polyclonal Conjugated Antibody. Reactive in Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADGRA3. It may not necessarily be applicable to this product.

NCBI GI #	59823631
NCBI GeneID	166647
NCBI Accession #	NP_660333.2
UniProt Primary Accession #	Q8IWK6
UniProt Secondary Accession #	Q6UXK9; Q86SQ5; Q8TC55
UniProt Related Accession #	Q8IWK6
GenBank Nucleotide #	NM_145290.3
NCBI Official Full Name	adhesion G protein-coupled receptor A3
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor A3
NCBI Official Symbol	ADGRA3
NCBI Official Synonym Symbols	PGR21; TEM5L; GPR125
UniProt Protein Name	Adhesion G protein-coupled receptor A3
UniProt Synonym Protein Names	G-protein coupled receptor 125
Protein Family	Adhesion G protein-coupled receptor
UniProt Gene Name	ADGRA3
NCBI Protein Information	adhesion G protein-coupled receptor A3
UniProt Comments for ADGRA3	GPR125: Orphan receptor. Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. 4 isoforms of the human protein are produced by alternative splicing. Protein type: GPCR, family 2; Membrane protein, integral; Membrane protein, multi-pass; Receptor, GPCR Chromosomal Location of Human Ortholog: 4p15.2 Cellular Component: external side of plasma membrane; integral component of membrane Molecular Function: G-protein coupled receptor activity Biological Process: cell surface receptor signaling pathway; G-protein coupled receptor signaling pathway
Research Articles on ADGRA3	**1.** ID4 and GPR125 are expressed on partially overlapping spermatogonial populations and are more broadly expressed in normal adult human testis. ID4 and GPR125 could be used for identifying previously unrecognized human spermatogonial subpopulations
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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