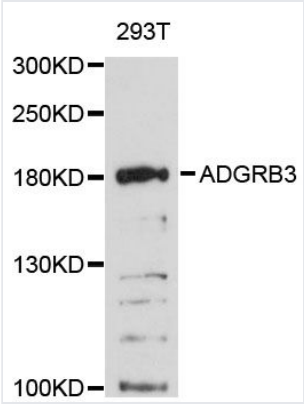
ADGRB3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ADGRB3, Polyclonal Antibody
Full Product Name	ADGRB3 Polyclonal Antibody
Product Gene Name	anti-ADGRB3 antibody
Product Synonym Names	BAI3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	172kDa
OMIM	AB005299 mRNA
3D Structure	ModBase 3D Structure for O60242
Immunogen	Recombinant protein of human ADGRB3
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-ADGRB3 antibody	Primary antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ADGRB3 antibody	Western Blot (WB)
Application Notes for anti-ADGRB3 antibody	WB: 1:200 - 1:500
Related Product Information for anti-ADGRB3 antibody	This p53-target gene encodes a brain-specific angiogenesis inhibitor, a seven-span transmembrane protein, and is thought to be a member of the secretin receptor family. Brain-specific angiogenesis proteins BAI2 and BAI3 are similar to BAI1 in structure, have similar tissue specificities, and may also play a role in angiogenesis.
Other Notes	Small volumes of anti-ADGRB3 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 ADGRB3 purchase	MBS9131891 is an antibody targeting ADGRB3. Also known as ADGRB3 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ADGRB3 antibody
Western blot analysis of extracts of 293T cells, using ADGRB3 antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADGRB3. It may not necessarily be applicable to this product.

NCBI GI #	311033353
NCBI GeneID	577
NCBI Accession #	O60242.2
UniProt Primary Accession #	O60242
UniProt Secondary Accession #	O60297; Q2NKN6; Q5VY37; Q9BX54; B7Z1K0
UniProt Related Accession #	O60242
NCBI Official Full Name	Adhesion G protein-coupled receptor B3
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor B3
NCBI Official Symbol	ADGRB3
NCBI Official Synonym Symbols	BAI3
UniProt Protein Name	Adhesion G protein-coupled receptor B3
UniProt Synonym Protein Names	Brain-specific angiogenesis inhibitor 3
Protein Family	Adhesion G protein-coupled receptor
UniProt Gene Name	ADGRB3
NCBI Protein Information	adhesion G protein-coupled receptor B3
UniProt Comments for ADGRB3	BAI3: May regulate the number of excitatory synapses that are formed on hippocampus neurons. Has no effect on inhibitory synapses. Might be involved in angiogenesis inhibition and suppression of glioblastoma. Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Protein type: GPCR, family 2; Membrane protein, integral; Membrane protein, multi-pass; Receptor, GPCR Chromosomal Location of Human Ortholog: 6q12-q13 Cellular Component: plasma membrane Molecular Function: GTPase activator activity; protein binding Biological Process: myoblast fusion; regulation of dendrite morphogenesis

Research Articles on ADGRB3	**1.** Discriminated small-cell lung carcinoma from large-cell neuroendocrine lung carcinoma with immunohistochemical markers BAI3, CDX2 and VIL1.
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