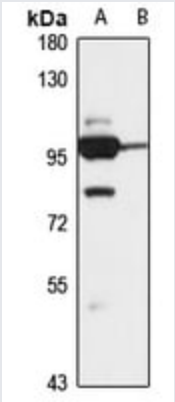
SGEF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SGEF, Polyclonal Antibody
Full Product Name	Anti-SGEF Antibody
Product Gene Name	anti-SGEF antibody
Product Synonym Gene Name	ARHGEF26
Product Synonym Names	SGEF; Rho guanine nucleotide exchange factor 26; SH3 domain-containing guanine exchange factor
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of SGEF protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	88,134 Da
OMIM	617552
3D Structure	ModBase 3D Structure for Q96DR7
Immunogen	Recombinant fusion protein of human SGEF. The exact sequence is proprietary.
Applications Tested/Suitable for anti-SGEF antibody	Western Blot (WB)
Application Notes for anti-SGEF antibody	WB: 1:500-1:2000
Related Product Information for anti-SGEF antibody	MBS8306043 is an antibody targeting SGEF. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to SGEF
Other Notes	Small volumes of anti-SGEF 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-SGEF antibody
Western blot analysis of SGEF expression in mouse brain (A), rat lung (B) whole cell lysates.

ADDITIONAL DETAILS

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

NCBI GI #	354459392
NCBI GeneID	26084
NCBI Accession #	NP_001238891.1
UniProt Primary Accession #	Q96DR7
UniProt Secondary Accession #	Q68CL1; Q6AZ96; Q6Q8Q8; Q96AW8; Q96DR6; Q9H9D7; Q9H9R2; Q9UFW5; B3KVP8; E9PBD0
UniProt Related Accession #	Q96DR7
GenBank Nucleotide #	NM_001251962.1
NCBI Official Full Name	rho guanine nucleotide exchange factor 26 isoform 1
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 26
NCBI Official Symbol	ARHGEF26
NCBI Official Synonym Symbols	SGEF; CSGEF; HMFN1864
UniProt Protein Name	Rho guanine nucleotide exchange factor 26
UniProt Synonym Protein Names	SH3 domain-containing guanine exchange factor
UniProt Gene Name	ARHGEF26
UniProt Synonym Gene Names	SGEF
NCBI Protein Information	rho guanine nucleotide exchange factor 26
NCBI Summary for SGEF	This gene encodes a member of the Rho-guanine nucleotide exchange factor (Rho-GEF) family. These proteins regulate Rho GTPases by catalyzing the exchange of GDP for GTP. The encoded protein specifically activates RhoG and plays a role in the promotion of macropinocytosis. Underexpression of the encoded protein may be a predictive marker of chemoresistant disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
UniProt Comments for SGEF	Activates RhoG GTPase by promoting the exchange of GDP by GTP. Required for the formation of membrane ruffles during macropinocytosis. Required for the formation of cup-like structures during trans-endothelial migration of leukocytes. In case of Salmonella enterica infection, activated by SopB, which induces cytoskeleton rearrangements and promotes bacterial entry.
Research Articles on SGEF	**1.** Phenome-wide association scanning showed that CCDC92 likely affects coronary artery disease through insulin resistance pathways, whereas experimental analysis suggests that ARHGEF26 influences the transendothelial migration of leukocytes.

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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/sgef/8306043