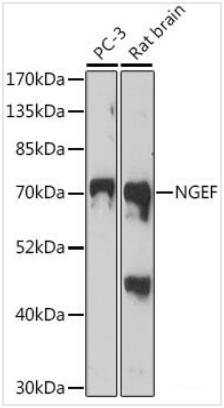
NGEF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NGEF, Polyclonal Antibody
Full Product Name	NGEF Polyclonal Antibody
Product Gene Name	anti-NGEF antibody
Product Synonym Names	NGEF; ARHGEF27; EPHEXIN; ephexin-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Purity/Purification	Affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.
Molecular Weight	82,496 Da
OMIM	605991
3D Structure	ModBase 3D Structure for Q8N5V2
Immunogen	Recombinant fusion protein of human NGEF
Product Categories/Family for anti-NGEF antibody	Antibodies; Primary Antibodies; Polyclonal Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NGEF antibody	Western Blot (WB)
Application Notes for anti-NGEF antibody	WB: 1:500-1:2000
Related Product Information for anti-NGEF antibody	Acts as a guanine nucleotide exchange factor (GEF which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity.
Other Notes	Small volumes of anti-NGEF 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 NGEF purchase	MBS2574249 is an antibody targeting NGEF. Also known as NGEF Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-NGEF antibody
Western blot analysis of extracts of various cell lines using NGEF Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL DETAILS

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

NCBI GI #	166197690
NCBI GeneID	25791
NCBI Accession #	NP_001107562.1
UniProt Primary Accession #	Q8N5V2
UniProt Secondary Accession #	Q53QQ4; Q53ST7; Q6GMQ5; Q9NQD6; B4DMB8; B9A045; E9PC42
UniProt Related Accession #	Q8N5V2
GenBank Nucleotide #	NM_001114090.1
NCBI Official Full Name	ephexin-1 isoform 2
NCBI Official Synonym Full Names	neuronal guanine nucleotide exchange factor
NCBI Official Symbol	NGEF
NCBI Official Synonym Symbols	EPHEXIN; ARHGEF27
UniProt Protein Name	Ephexin-1
UniProt Synonym Protein Names	Eph-interacting exchange protein; Neuronal guanine nucleotide exchange factor
Protein Family	Ephexin
UniProt Gene Name	NGEF
UniProt Entry Name	NGEF_HUMAN
NCBI Protein Information	ephexin-1; eph-interacting exchange protein
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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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.

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