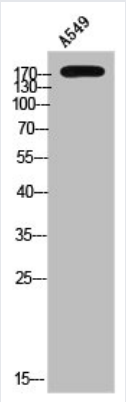
SGK223 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SGK223, Polyclonal Antibody
Full Product Name	Phospho-SGK223 (Y413) Antibody
Product Gene Name	anti-SGK223 antibody
Product Synonym Gene Name	PRAG1
Product Synonym Names	SGK223; Tyrosine-protein kinase SgK223; Sugen kinase 223
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	149,624 Da
3D Structure	ModBase 3D Structure for Q86YV5
Immunogen	Synthesized peptide derived from human Pragmin around the phosphorylation site of Y413.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-SGK223 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SGK223 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-SGK223 antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:10000
Related Product Information for anti-SGK223 antibody	MBS7118074 is an antibody targeting SGK223. Also known as Phospho-SGK223 (Y413) Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-SGK223 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-SGK223 antibody
Western Blot analysis of A549 cells using Phospho-Pragmin (Y413) Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SGK223. It may not necessarily be applicable to this product.

NCBI GI #	595582408
NCBI GeneID	157285
NCBI Accession #	NP_001074295.2
UniProt Primary Accession #	Q86YV5
UniProt Secondary Accession #	Q8N3N5
UniProt Related Accession #	Q86YV5
GenBank Nucleotide #	NM_001080826.2
NCBI Official Full Name	tyrosine-protein kinase SgK223
NCBI Official Symbol	SGK223
NCBI Official Synonym Symbols	PRAGMIN
UniProt Protein Name	Tyrosine-protein kinase SgK223
UniProt Synonym Protein Names	Sugen kinase 223
Protein Family	Tyrosine-protein kinase
UniProt Gene Name	SGK223
UniProt Entry Name	SG223_HUMAN
NCBI Protein Information	tyrosine-protein kinase SgK223; sugen kinase 223
NCBI Summary for SGK223	This gene encodes an enzyme that belongs to the tyrosine protein kinase family. A similar protein in rat binds to Rho family GTPase 2 (Rnd2) and regulates neurite outgrowth via activation of Ras homolog gene family, member A (RhoA). [provided by RefSeq, Mar 2014]
UniProt Comments for SGK223	SGK223: a protein kinase of the NKF3 family. Protein type: Protein kinase, Other; EC 2.7.10.2; Protein kinase, Ser/Thr (non-receptor); Kinase, protein; Motility/polarity/chemotaxis; Other group; NKF3 family Chromosomal Location of Human Ortholog: 8p23.1 Molecular Function: non-membrane spanning protein tyrosine kinase activity; ATP binding Biological Process: peptidyl-tyrosine phosphorylation

Research Articles on SGK223	**1.** Pragmin as a mammalian EPIYA effector and suggests that bacterial EPIYA effectors target Pragmin to subvert SFKs for successful infection.
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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