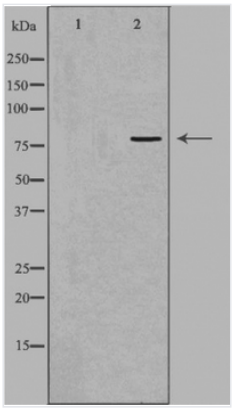
GRK3 Antibody

PRODUCT OVERVIEW

Product Name	GRK3, Antibody
Full Product Name	GRK3 Antibody
Product Gene Name	anti-GRK3 antibody
Product Synonym Names	ADRBK2; ARBK2; BARK2; EC 2.7.11.15; G-protein coupled receptor kinase 3; beta-ARK-2; beta-adrenergic receptor kinase 2
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	GRK3 Antibody detects endogenous levels of total GRK3
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	80 KD
OMIM	109636
3D Structure	ModBase 3D Structure for P35626
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GRK3 antibody	Western Blot (WB)
Application Notes for anti-GRK3 antibody	WB: 1:500-1:1000
Related Product Information for anti-GRK3 antibody	MBS8513903 is an antibody targeting GRK3. Also known as GRK3 Antibody. Reactive in Human, Mouse, Rat.
Other Notes	Small volumes of anti-GRK3 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-GRK3 antibody
Western blot analysis of extracts from HepG2 cells and HeLa cells, using GRK3 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRK3. It may not necessarily be applicable to this product.

NCBI GI #	148539879
NCBI GeneID	157
NCBI Accession #	NP_005151.2
UniProt Primary Accession #	P35626
UniProt Secondary Accession #	Q9UGW9
UniProt Related Accession #	P35626
GenBank Nucleotide #	NM_005160.3
NCBI Official Full Name	beta-adrenergic receptor kinase 2
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 3
NCBI Official Symbol	GRK3
NCBI Official Synonym Symbols	BARK2; ADRBK2
UniProt Protein Name	Beta-adrenergic receptor kinase 2
UniProt Synonym Protein Names	G-protein-coupled receptor kinase 3
UniProt Gene Name	GRK3
UniProt Synonym Gene Names	Beta-ARK-2
NCBI Protein Information	beta-adrenergic receptor kinase 2
NCBI Summary for GRK3	The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function. [provided by RefSeq, Jul 2008]
UniProt Comments for GRK3	Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.
Research Articles on GRK3	**1.** GRK3 is a new critical activator of neuroendocrine phenotypes and mediator of CREB activation in promoting neuroendocrine differentiation of prostate cancer cells.
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