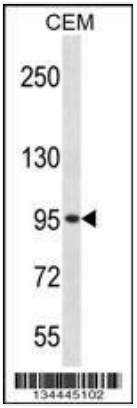
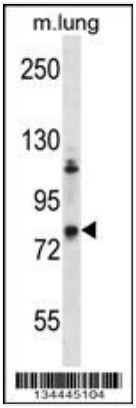
ADRBK2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

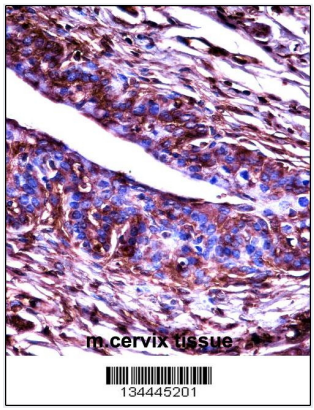
Product Name	Adrbk2, Polyclonal Antibody
Full Product Name	Adrbk2, CT (Adrbk2, Beta-adrenergic receptor kinase 2) (Azide free) (HRP)
Product Gene Name	anti-Adrbk2 antibody
Product Synonym Names	Adrbk2; Beta-adrenergic receptor kinase 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	79657
3D Structure	ModBase 3D Structure for Q3UYH7
Immunogen	Mouse Adrbk2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 523-552 amino acids from the C-terminal region of Mouse Adrbk2.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-Adrbk2 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-Adrbk2 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-Adrbk2 antibody	IHC: 1:10-50 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-Adrbk2 antibody	Adrbk2 specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.
Product References and Citations for anti-Adrbk2 antibody	Melief, E.J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(25):11608-11613(2010). Vinge, L.E., et al. J. Biol. Chem. 283(16):10601-10610(2008). Hoffman, B.G., et al. Genome Biol. 9 (6), R99 (2008): Ferraro, T.N., et al. Physiol. Genomics 31(3):458-462(2007). Bruchas, M.R., et al. J. Neurosci. 27(43):11614-11623(2007).
Other Notes	Small volumes of anti-Adrbk2 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 Adrbk2 purchase	MBS6271930 is an antibody targeting Adrbk2. Also known as Adrbk2, CT (Adrbk2, Beta-adrenergic receptor kinase 2) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-Adrbk2 antibody
Mouse Adrbk2 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the Adrbk2 antibody detected the Adrbk2 protein (arrow).



Western Blot (WB) of anti-Adrbk2 antibody
Mouse Adrbk2 Antibody (C-term) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the Adrbk2 antibody detected the Adrbk2 protein (arrow).



Immunohistochemistry (IHC) of anti-Adrbk2 antibody
Mouse Adrbk2 Antibody (C-term) (AP14817b)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse cervix tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Adrbk2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Adrbk2. It may not necessarily be applicable to this product.

NCBI GI #	78711830
NCBI GeneID	320129
NCBI Accession #	NP_796052.2
UniProt Primary Accession #	Q3UYH7
UniProt Secondary Accession #	F8VPM8
UniProt Related Accession #	Q3UYH7
GenBank Nucleotide #	NM_177078.4
NCBI Official Full Name	beta-adrenergic receptor kinase 2 isoform 1
NCBI Official Synonym Full Names	adrenergic receptor kinase, beta 2
NCBI Official Symbol	Adrbk2
NCBI Official Synonym Symbols	GRK3; Bark-2; Adrbk-2; AI851927; AW551196; 4833444A01Rik
UniProt Protein Name	Beta-adrenergic receptor kinase 2
Protein Family	Beta-adrenergic receptor kinase

UniProt Gene Name	Adrbk2
UniProt Synonym Gene Names	Beta-ARK-2
UniProt Entry Name	ARBK2_MOUSE
NCBI Protein Information	beta-adrenergic receptor kinase 2
Research Articles on Adrbk2	**1.** GRK3 controls cardiac alpha1-adrenergic receptor responsiveness
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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