

Mouse Adrbk2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14817b**Specification**

Mouse Adrbk2 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q3UYH7
Other Accession	NP_796052.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	79657
Antigen Region	524-552

Mouse Adrbk2 Antibody (C-term) - Additional Information**Gene ID** 320129**Other Names**

Beta-adrenergic receptor kinase 2, Beta-ARK-2, Adrbk2

Target/Specificity

This Mouse Adrbk2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 524-552 amino acids from the C-terminal region of mouse Adrbk2.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Adrbk2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Adrbk2 Antibody (C-term) - Protein Information**Name** Grk3 {ECO:0000312|MGI:MGI:87941}**Function** Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and

closely related receptors.

Cellular Location

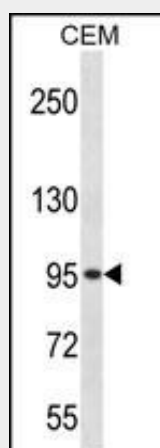
Postsynapse {ECO:0000250|UniProtKB:P26819}. Presynapse {ECO:0000250|UniProtKB:P26819}

Mouse Adrbk2 Antibody (C-term) - Protocols

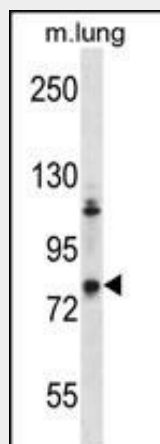
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

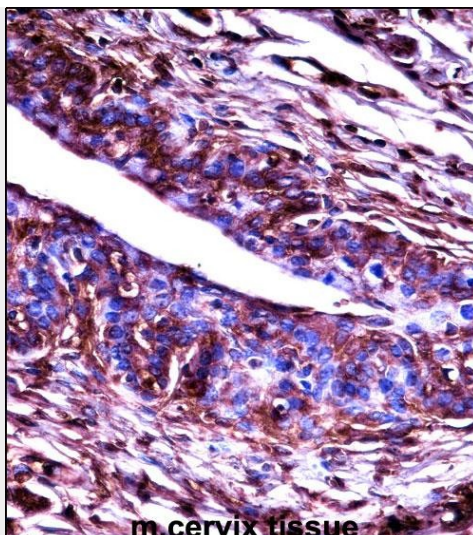
Mouse Adrbk2 Antibody (C-term) - Images



Mouse Adrbk2 Antibody (C-term) (Cat. #AP14817b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the Adrbk2 antibody detected the Adrbk2 protein (arrow).



Mouse Adrbk2 Antibody (C-term) (Cat. #AP14817b) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the Adrbk2 antibody detected the Adrbk2 protein (arrow).



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.

Mouse Adrbk2 Antibody (C-term) - Background

Adrbk2 specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.

Mouse Adrbk2 Antibody (C-term) - References

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)