

Rabbit anti-Human, mouse ADCY9 Polyclonal Antibody | anti-ADCY9 antibody

ADCY9 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287931	Rabbit	Human, mouse	ELISA, Western Blot

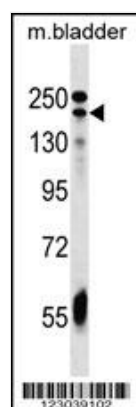
PRODUCT SYNONYMS

ADCY9; Polyclonal Antibody; ADCY9 Antibody (C-term); Adenylate cyclase type 9; ATP pyrophosphate-lyase 9; Adenylate cyclase type IX; Adenylyl cyclase 9; KIAA0520; anti-ADCY9 antibody

PRODUCT SPECIFICATIONS

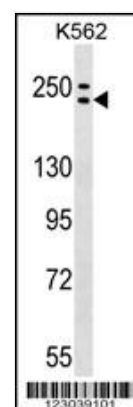
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADCY9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1295-1323 amino acids from the C-terminal region of human ADCY9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	1295-1323
Sequence Length	1353
Applicable Applications for anti-ADCY9 antibody	ELISA, WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

ADCY9 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the ADCY9 antibody detected the ADCY9 protein (arrow).



WB (Western Blot)

ADCY9 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ADCY9 antibody detected the ADCY9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY9 antibody	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. Function: May play a fundamental role in situations where fine interphlay between intracellular calcium and cAMP determines the cellular function. May be a phyciologically relevant docking site for calcineurin (By similarity).
Product Categories/Family for anti-ADCY9 antibody	Cancer; Metabolism; Signal Transduction
References	Wojcik, C., et al. Am. J. Med. Genet. A 152A (2), 479-483 (2010) : Olsen, J.V., et al. Cell 127(3):635-648(2006) Tantisira, K.G., et al. Hum. Mol. Genet. 14(12):1671-1677(2005) Cumbay, M.G., et al. J. Pharmacol. Exp. Ther. 310(1):108-115(2004) Small, K.M., et al. Pharmacogenetics 13(9):535-541(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50959205
NCBI GeneID	115
NCBI Accession #	NP_001107.2
NCBI GenBank Nucleotide #	NM_001116.3
UniProt Accession #	O60503; O60273; Q4ZHT9; Q4ZIR5; Q9BWT4; Q9UGP2; A7E2V5; A7E2X2; D3DUD1
Molecular Weight	150701
NCBI Official Full Name	adenylate cyclase type 9
NCBI Official Synonym Full Names	adenylate cyclase 9
NCBI Official Symbol	ADCY9
NCBI Official Synonym Symbols	AC9
NCBI Protein Information	adenylate cyclase type 9
UniProt Protein Name	Adenylate cyclase type 9
UniProt Gene Name	ADCY9
UniProt Synonym Gene Names	KIAA0520
UniProt Entry Name	ADCY9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.