

Rabbit ADCY9/Adenylate Cyclase 9 Polyclonal Antibody | anti-ADCY9 antibody

Anti-ADCY9/Adenylate Cyclase 9 Antibody (N-Terminus)

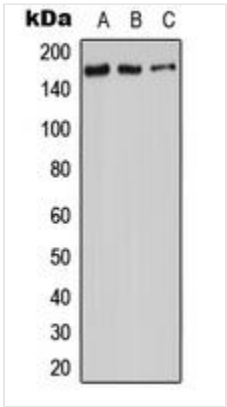
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162336	Rabbit	Human Predicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

ADCY9/Adenylate Cyclase 9; Polyclonal Antibody; Anti-ADCY9/Adenylate Cyclase 9 Antibody (N-Terminus); Rabbit Polyclonal to Human ADCY9/Adenylate Cyclase 9; ADCY9; Adenylate cyclase type 9; Adenylyl cyclase 9; Adenylate cyclase 9; AC9; Adenylate cyclase type IX; KIAA0520; ATP pyrophosphate-lyase 9; anti-ADCY9 antibody

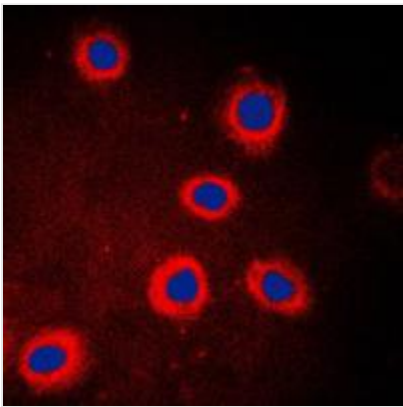
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Adenylate Cyclase 9 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	1353
Applicable Applications for anti-ADCY9 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human Adenylate Cyclase 9.
Conjugation	Unconjugated
Epitope	N-Terminus
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.



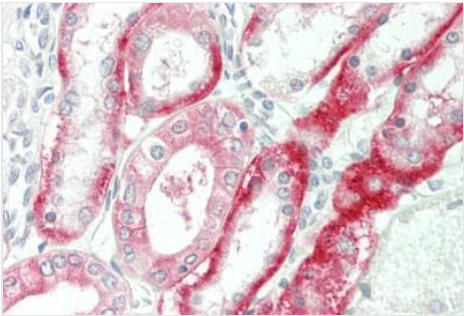
WB (Western Blot)

Western blot analysis of Adenylate Cyclase 9 expression in HeLa (A); SP2/0 (B); H9C2 (C) whole cell lysates.



IF (Immunofluorescence)

Immunofluorescent analysis of Adenylate Cyclase 9 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

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 Gprotein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase (AC9) is a widely distributed adenylyl cyclase. ADCY9is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin.
Product Categories/Family for anti-ADCY9 antibody	Adenylate cyclase

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	150,701 Da
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; ACIX
NCBI Protein Information	adenylate cyclase type 9
UniProt Protein Name	Adenylate cyclase type 9
UniProt Gene Name	ADCY9
UniProt Synonym Gene Names	KIAA0520; AC9

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adc9-adenylate-cyclase-9-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162336>