

Rabbit Adenylate Cyclase 9 Polyclonal Antibody | anti-ADCY9 antibody

Anti-Adenylate Cyclase 9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105328	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

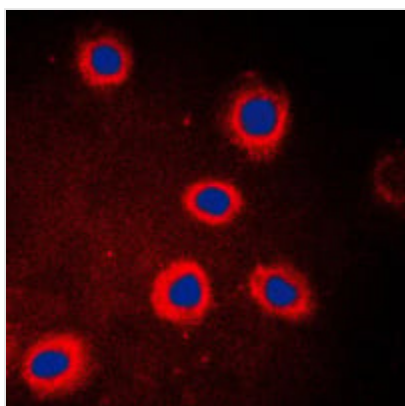
PRODUCT SYNONYMS

Adenylate Cyclase 9; Polyclonal Antibody; Anti-Adenylate Cyclase 9 Antibody; KIAA0520; Adenylate cyclase type 9; ATP pyrophosphate-lyase 9; Adenylate cyclase type IX; Adenyl cyclase 9; anti-ADCY9 antibody

PRODUCT SPECIFICATIONS

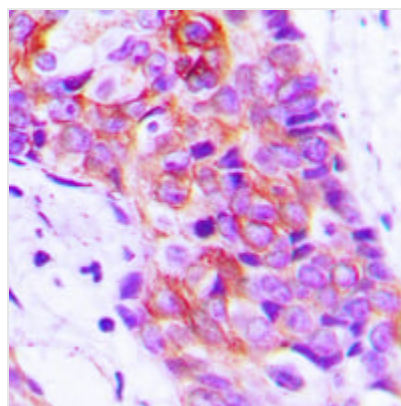
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Adenylate Cyclase 9 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1353
Applicable Applications for anti-ADCY9 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Adenylate Cyclase 9. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



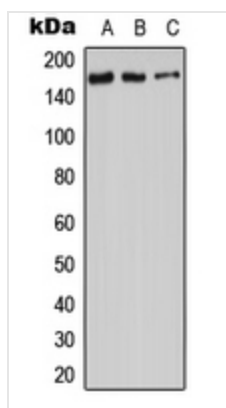
IF (Immunofluorescence)

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)

Immunohistochemical analysis of Adenylate Cyclase 9 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY9 antibody

Rabbit polyclonal antibody to Adenylate Cyclase 9

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
NCBI Protein Information	adenylate cyclase type 9; adenylyl cyclase 9; ATP pyrophosphate-lyase 9; adenylate cyclase type IX; type IX ATP pyrophosphate-lyase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adenylate-cyclase-9-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105328>