

Rabbit Adenylate Cyclase 5/6 Polyclonal Antibody | anti-ADCY5 antibody

Anti-Adenylate Cyclase 5/6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104375	Rabbit	Human, Mouse, Rat, Dog, Monkey, Rabbit, Zebrafish	Immunocytochemistry, Immunofluorescence, Western Blot

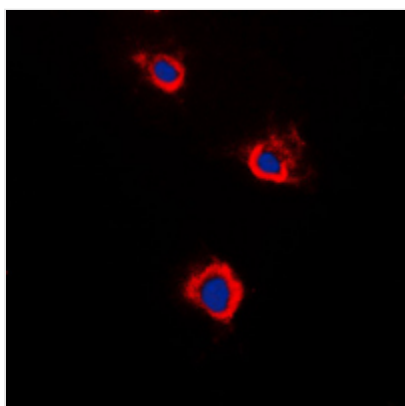
PRODUCT SYNONYMS

Adenylate Cyclase 5/6; Polyclonal Antibody; Anti-Adenylate Cyclase 5/6 Antibody; ADCY5; Adenylate cyclase type 5; ATP pyrophosphate-lyase 5; Adenylate cyclase type V; Adenylyl cyclase 5; ADCY6; KIAA0422; Adenylate cyclase type 6; ATP pyrophosphate-lyase 6; Adenylate cyclase type VI; Adenylyl cyclase 6; Ca(2+)-inhibitable adenylyl cyclase; anti-ADCY5 antibody

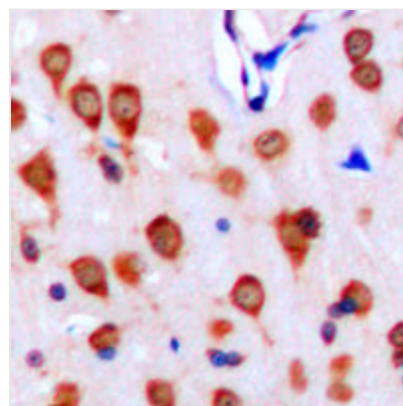
PRODUCT SPECIFICATIONS

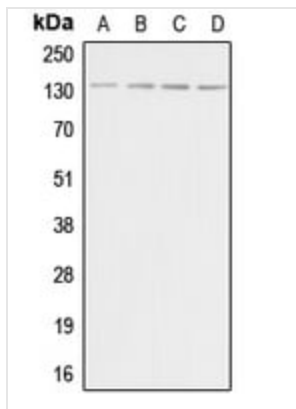
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Monkey, Rabbit, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Adenylate Cyclase 5/6 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	911
Applicable Applications for anti-ADCY5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Adenylate Cyclase 5/6. 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 5/6 staining in Raw264.7 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)



WB (Western Blot)

Western blot analysis of Adenylate Cyclase 5/6 expression in HeLa (A), Raw264.7 (B), PC12 (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY5 antibody

Rabbit polyclonal antibody to Adenylate Cyclase 5/6

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122162
NCBI GeneID	111
NCBI Accession #	NP_001186571.1
NCBI GenBank Nucleotide #	NM_001199642.1
UniProt Accession #	O95622 ; Q7RTV7 ; Q8NFM3 ; B7Z8A6
Molecular Weight	102,606 Da
NCBI Official Full Name	adenylate cyclase type 5 isoform 2
NCBI Official Synonym Full Names	adenylate cyclase 5
NCBI Official Symbol	ADCY5
NCBI Official Synonym Symbols	AC5; FDFM
NCBI Protein Information	adenylate cyclase type 5; adenylyl cyclase 5; adenylate cyclase type V; ATP pyrophosphate-lyase 5
UniProt Protein Name	Adenylate cyclase type 5
UniProt Gene Name	ADCY5
UniProt Entry Name	ADCY5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/adenylate-cyclase-5-6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/104375>