

Rabbit Adenylate Cyclase 7 Polyclonal Antibody | anti-ADCY7 antibody

Anti-Adenylate Cyclase 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265069	Rabbit	Human, Mouse, Bovine, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

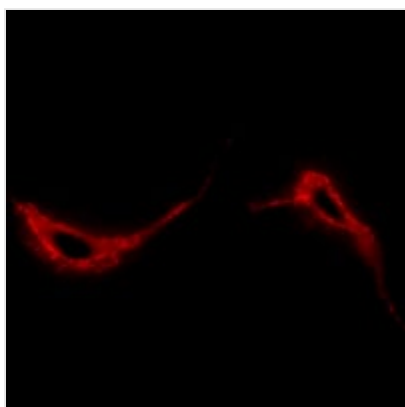
PRODUCT SYNONYMS

Adenylate Cyclase 7; Polyclonal Antibody; Anti-Adenylate Cyclase 7 Antibody; anti-ADCY7 antibody

PRODUCT SPECIFICATIONS

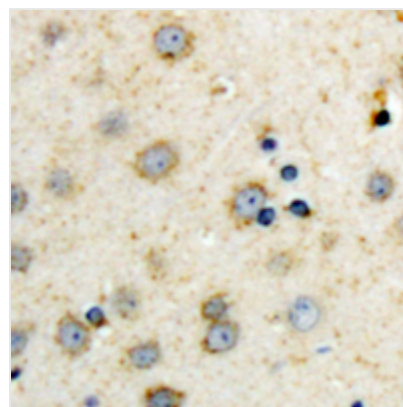
Host	Rabbit
Reactivity	Human, Mouse, Bovine, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Adenylate Cyclase 7 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ADCY7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Adenylate Cyclase 7. 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



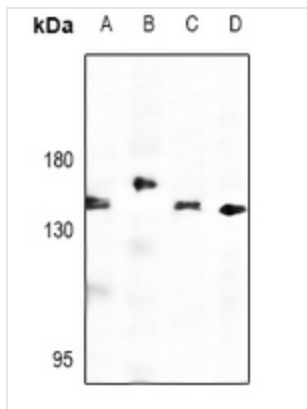
IF (Immunofluorescence)

Immunofluorescent analysis of Adenylate Cyclase 7 staining in NIH-3T3 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Adenylate Cyclase 7 staining in human brain 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 7 expression in BV2 (A), SHSY5Y (B), Panc1 (C), HEK293T (D) whole cell lysates. (Predicted band size: 120 kD; Observed band size: 140 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY7 antibody	Rabbit polyclonal antibody to Adenylate Cyclase 7
Product Categories/Family for anti-ADCY7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557255
NCBI GeneID	113
NCBI Accession #	NP_001105.1
NCBI GenBank Nucleotide #	NM_001114.4
UniProt Accession #	P51828 ; P51829
Molecular Weight	120,308 Da
NCBI Official Full Name	adenylate cyclase type 7 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 7
NCBI Official Symbol	ADCY7
NCBI Official Synonym Symbols	AC7
NCBI Protein Information	adenylate cyclase type 7
UniProt Protein Name	Adenylate cyclase type 7
UniProt Gene Name	ADCY7

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-7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265069>