

Rabbit ADCY8 Polyclonal Antibody | anti-ADCY8 antibody

ADCY8 Antibody (Center)

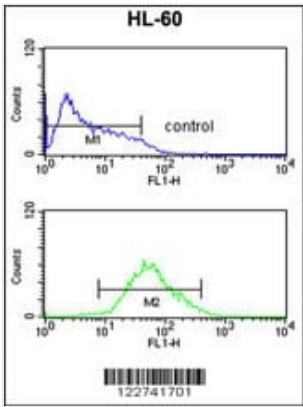
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288253	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ADCY8; Polyclonal Antibody; ADCY8 Antibody (Center); Adenylate cyclase type 8; ATP pyrophosphate-lyase 8; Adenylate cyclase type VIII; Adenylyl cyclase 8; AC8; Ca(2+)/calmodulin-activated adenylyl cyclase; anti-ADCY8 antibody

PRODUCT SPECIFICATIONS

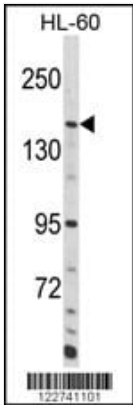
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADCY8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 946-972 amino acids from the Central region of human ADCY8.
Purity/Purification	Peptide 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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	946-972
Sequence Length	1251
Applicable Applications for anti-ADCY8 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ADCY8 Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded mouse brain tissue reacted with ADCY8 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ADCY8 Antibody (Center) in HL-60 cell line lysates (35ug/lane). ADCY8 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY8 antibody	ADCY8 is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. The enzymatic activity is under the control of several hormones, and different polypeptides participate in the transduction of the signal from the receptor to the catalytic moiety. Stimulatory or inhibitory receptors (Rs and Ri) interact with G proteins (Gs and Gi) that exhibit GTPase activity and they modulate the activity of the catalytic subunit of the adenylyl cyclase provided by RefSeq].
Product Categories/Family for anti-ADCY8 antibody	Cancer; Metabolism; Neuroscience; Signal transduction
References	Martin,A.C.,et.al., Mol. Pharmacol. 75 (4), 830-842 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557257
NCBI GeneID	114
NCBI Accession #	NP_001106.1
NCBI GenBank Nucleotide #	NM_001115.2
UniProt Accession #	P40145

Molecular Weight	140122
NCBI Official Full Name	adenylate cyclase type 8
NCBI Official Synonym Full Names	adenylate cyclase 8 (brain)
NCBI Official Symbol	ADCY8
NCBI Official Synonym Symbols	AC8; ADCY3; HBAC1
NCBI Protein Information	adenylate cyclase type 8
UniProt Protein Name	Adenylate cyclase type 8
UniProt Gene Name	ADCY8
UniProt Synonym Gene Names	AC8
UniProt Entry Name	ADCY8_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/adcy8-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288253>