

Rabbit anti-Human ADCY2 Polyclonal Antibody | anti-ADCY2 antibody

ADCY2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287035	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

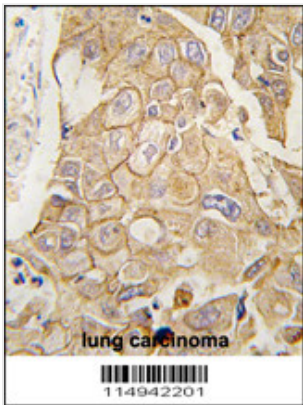
PRODUCT SYNONYMS

ADCY2; Polyclonal Antibody; ADCY2 Antibody (C-term); Adenylate cyclase type 2; ATP pyrophosphate-lyase 2; Adenylate cyclase type II; Adenylyl cyclase 2; KIAA1060; anti-ADCY2 antibody

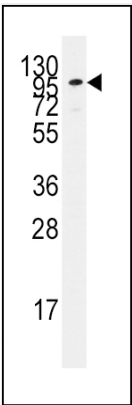
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADCY2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 940-969 amino acids from the C-terminal region of human ADCY2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	940-969
Sequence Length	911
Applicable Applications for anti-ADCY2 antibody	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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ADCY2 antibody (C-term) , 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 anti-ADCY2 Pab in Jurkat cell line lysates (35ug/lane). ADCY2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY2 antibody	ADCY2 is a member of the family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate(cAMP). This enzyme is insensitive to Ca(2+)/calmodulin, and is stimulated by the G protein beta and gamma subunit complex.
Product Categories/Family for anti-ADCY2 antibody	Cancer; Signal Transduction
References	Uhl,G.R.,Arch. Gen. Psychiatry 65 (6), 683-693 (2008) Ludwig,M.G.,J. Recept. Signal Transduct. Res. 22 (1-4), 79-110 (2002) Cote,M., J. Clin. Endocrinol. Metab. 86 (9), 4495-4503 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387102
NCBI GeneID	108
NCBI Accession #	NP_065433.2
NCBI GenBank Nucleotide #	NM_020546.2
UniProt Accession #	Q08462 ; Q2NKL8 ; Q9UDB2 ; Q9UPU2 ; B7Z2C1
Molecular Weight	123603
NCBI Official Full Name	adenylate cyclase type 2
NCBI Official Synonym Full Names	adenylate cyclase 2 (brain)
NCBI Official Symbol	ADCY2
NCBI Official Synonym Symbols	AC2; HBAC2
NCBI Protein Information	adenylate cyclase type 2
UniProt Protein Name	Adenylate cyclase type 2
UniProt Gene Name	ADCY2
UniProt Synonym Gene Names	KIAA1060
UniProt Entry Name	ADCY2_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/adcy2-antibody-immunohistochemistry-western-blot-elisa/287035>