

Rabbit anti-Human ADCY9 Polyclonal Antibody | anti-ADCY9 antibody

ADCY9 Antibody

CATALOG # AAA289589	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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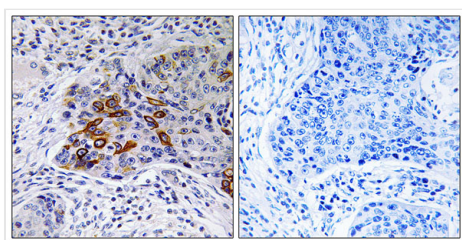
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

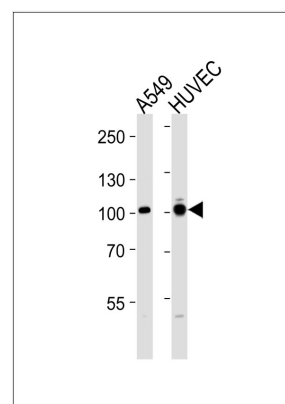
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	955-983
Sequence Length	1,353
Applicable Applications for anti-ADCY9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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 (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ADCY9 antibody.



WB (Western Blot)

Western blot analysis of lysates from A549, HUVEC cell line (from left to right), using ADCY9 Antibody (C20506). C20506 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY9 antibody	May play a fundamental role in situations where fine interplay between intracellular calcium and cAMP determines the cellular function. May be a physiologically relevant docking site for calcineurin (By similarity).
Product Categories/Family for anti-ADCY9 antibody	Cancer; Metabolism; Signal Transduction
References	Hacker B.M.,et al.Genomics 50:97-104(1998). Small K.M.,et al.Pharmacogenetics 13:535-541(2003). Tantisira K.G.,et al.Hum. Mol. Genet. 14:1671-1677(2005). Paterson J.M.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases. Toyota T.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.

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	150701
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
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.