

Rabbit ADCY3 Polyclonal Antibody | anti-ADCY3 antibody

ADCY3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323397	Rabbit	Human,Mouse,Rat	ELISA, Immunohistochemistry, Western Blot

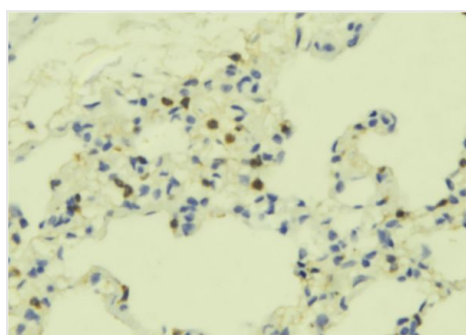
PRODUCT SYNONYMS

ADCY3; Polyclonal Antibody; ADCY3 Antibody; AC-III; AC3; ADCY3_HUMAN; adenylate cyclase 3; Adenylate cyclase; Adenylate cyclase type 3; Adenylate cyclase type III; Adenylyl cyclase 3; ATP pyrophosphate lyase; ATP pyrophosphate-lyase 3; olfactive type; anti-ADCY3 antibody

PRODUCT SPECIFICATIONS

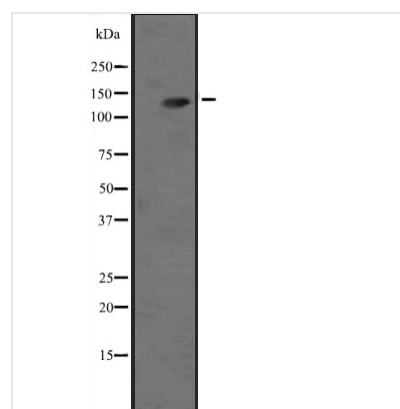
Host	Rabbit
Reactivity	Human,Mouse,Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADCY3 antibody detects endogenous levels of total ADCY3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid;Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1145
Applicable Applications for anti-ADCY3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADCY3,corresponding to a region within C-terminal amino acids.
Similarity	The protein contains two modules with six transmembrane helices each; both are required for catalytic activity. Isolated N-terminal or C-terminal modules have no catalytic activity,but when they are brought together, enzyme activity is restored. The active site is at the inter face of the two modules.Belongs to the adenylyl cyclase class-4/guanylylcyclase family.

IMAGES



IHC (Immunohistochemistry)

AAA323397 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of ADCY3 expression in Rat olfactory epithelium lysate; Rat frontal cortex lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ADCY3 antibody	Mediates odorant detection (possibly) via modulation of intracellular cAMP concentration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1002341785
NCBI GeneID	109
NCBI Accession #	NP_001307542.1
NCBI GenBank Nucleotide #	NM_001320613.1
UniProt Accession #	O60266; Q53T54; Q9UDB1; B3KT86
Molecular Weight	129 kDa
NCBI Official Full Name	adenylate cyclase type 3 isoform 1
NCBI Official Synonym Full Names	adenylate cyclase 3
NCBI Official Symbol	ADCY3
NCBI Official Synonym Symbols	AC3; AC-III; BMIQ19
NCBI Protein Information	adenylate cyclase type 3
UniProt Protein Name	Adenylate cyclase type 3
UniProt Gene Name	ADCY3
UniProt Synonym Gene Names	KIAA0511; AC-III; AC3

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/adcy3-antibody-immunohistochemistry-western-blot-elisa/323397>