



A Cyclase IX rabbit pAb

Cat No.:ES4651

For research use only

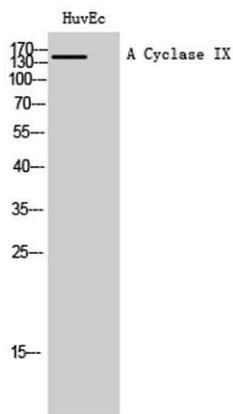
Overview

Product Name	A Cyclase IX rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ADCY9. AA range:137-186
Specificity	A Cyclase IX Polyclonal Antibody detects endogenous levels of A Cyclase IX protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Adenylate cyclase type 9
Gene Name	ADCY9
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	150kD
Human Gene ID	115
Human Swiss-Prot Number	O60503
Alternative Names	ADCY9; KIAA0520; Adenylate cyclase type 9; ATP pyrophosphate-lyase 9; Adenylate cyclase type IX; Adenyl cyclase 9
Background	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9

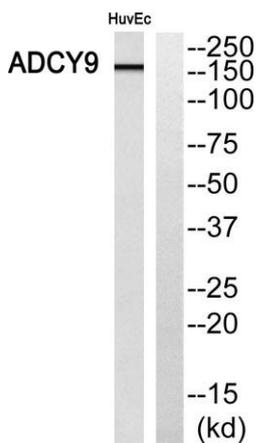




adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. [provided by RefSeq, Jul 2008],



Western Blot analysis of HuvEc cells using A Cyclase IX Polyclonal Antibody diluted at 1:1000



Western blot analysis of ADCY9 Antibody. The lane on the right is blocked with the ADCY9 peptide.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using ADCY9 Antibody. The lane on the right is blocked with the ADCY9 peptide.

