

A Cyclase VIII Rabbit Polyclonal Antibody

Catalog# UZ-PA00096

Product information

产品货号	UZ-PA00096
别名	ADCY8; Adenylate cyclase type 8; ATP pyrophosphate-lyase 8; Adenylate cyclase type VIII; Adenylyl cyclase 8; AC8; Ca(2+)/calmodulin-activated adenylyl cyclase
产品名称	A Cyclase VIII Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ADCY8
推荐应用	IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	114
Human Swissprot No.	P40145
免疫原	The antiserum was produced against synthesized peptide derived from human ADCY8. AA range:591-640
稀释度	IHC-P 1:100-1:300, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:40000.Not yet tested in other applications.
参考分子量	140kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	Adenylate cyclase 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, Jul 2008].
细胞定位	Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane . Apical cell membrane . Cell junction, synapse . Cell projection, dendrite . Cell projection, axon . Cell junction, synapse, presynaptic cell membrane . Cell junction, synapse, postsynaptic density . Membrane raft . Membrane, coated pit . Cytoplasmic vesicle, clathrin-coated vesicle membrane . Membrane, caveola . Localized to dendritic arbors (By similarity). Monomeric N-glycosylated species localizes in membrane raft. In contrast, monomeric unglycosylated forms are enriched in clathrin-coated pits and vesicles. Dimers are also localized outside of membrane rafts. Membrane raft localization and integrity is indispensable for CCE-stimulated adenylate cyclase activity (By similarity). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal