

ARG10773 anti-ADCY7 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ADCY7
Tested Reactivity	Hu, Ms, Rat
Tested Application	Confocal, Dot, ELISA, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ADCY7
Species	Mouse
Immunogen	Synthetic peptide from Mouse ADCY7.
Conjugation	Un-conjugated
Alternate Names	Adenylate cyclase type VII; ATP pyrophosphate-lyase 7; AC7; Adenylate cyclase type 7; EC 4.6.1.1; Adenyl cyclase 7

Application Instructions

Application table	Application	Dilution
	Confocal	1:100 - 1:200
	Dot	1:10000
	ELISA	1:10000
	ICC/IF	1:100 - 1:200
	IHC-P	1:100 - 1:200
	IP	1:200
	WB	1:500

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

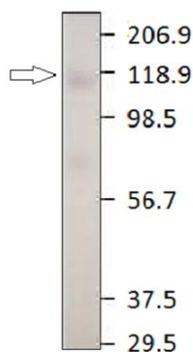
Form	Liquid
Purification	Affinity purified.
Buffer	Tris-Glycine Buffer (pH 7.4 - 7.8), Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 113 Human GeneID: 11513 Mouse Swiss-port # P51828 Human Swiss-port # P51829 Mouse
Gene Symbol	Adcy7
Gene Full Name	adenylate cyclase 7
Background	This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. Several transcript variants have been observed for this gene, but the full-length natures of only two have been determined so far. [provided by RefSeq, Oct 2013]
Function	This is a membrane-bound, calcium-inhibitable adenylyl cyclase. [UniProt]
Calculated Mw	120 kDa

Images



ARG10773 anti-ADCY7 antibody WB image

Western blot: Recombinant ADCY7 protein stained with ARG10773 anti-ADCY7 antibody at 1:1000 dilution.