

## 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

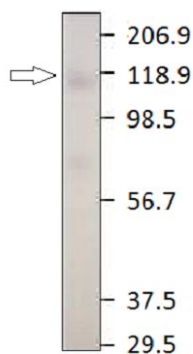
Form	Liquid
Purification	Affinity purified.
Buffer	Tris-Glycine Buffer (pH 7.4 - 7.8), Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA

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	<a href="#">GeneID: 113 Human</a> <a href="#">GeneID: 11513 Mouse</a> <a href="#">Swiss-port # P51828 Human</a> <a href="#">Swiss-port # P51829 Mouse</a>
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.