

ARG40100 anti-AK7 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AK7
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AK7
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-200 of Human AK7 (NP_689540.2).
Conjugation	Un-conjugated
Alternate Names	EC 2.7.4.6; AK 7; ATP-AMP transphosphorylase 7; EC 2.7.4.3; Adenylate kinase 7

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat testis, Mouse small intestine and HT-29	
Observed Size	87 kDa	

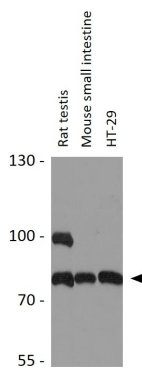
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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

Gene Symbol	AK7
Gene Full Name	adenylate kinase 7
Function	Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Has highest activity toward AMP, and weaker activity toward dAMP, CMP and dCMP. Also displays broad nucleoside diphosphate kinase activity. Involved in maintaining ciliary structure and function. [UniProt]
Calculated Mw	83 kDa
Cellular Localization	Cytoplasm, cytosol. [UniProt]

Images



ARG40100 anti-AK7 antibody WB image

Western blot: 25 µg of Rat testis, Mouse small intestine and HT-29 cell lysates stained with ARG40100 anti-AK7 antibody at 1:1000 dilution.