

# Adenylate Kinase 1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Adenylate Kinase 1
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2637699

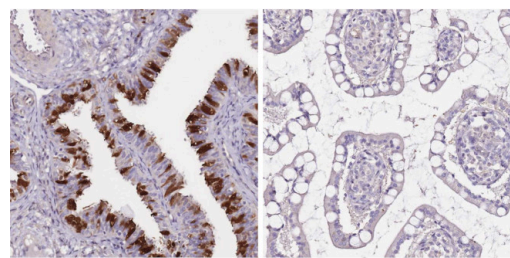
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

## Product Specific Information

Immunogen sequence: EKGQLVPLET VLDMLRDAMV AKVNTSKGFL IDGYPREVQQ GEEFERRIGQ PTLLLYVDAG  
PETMTQRLLK RGETSGRVDD NEETIKKRLE TYYKATEPVI AFYEKRGIVR KVNAEGS

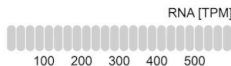
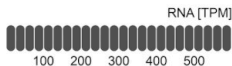
Highest antigen sequence identity to the following orthologs: Mouse - 88%, Rat - 69%.

Product Images For Adenylate Kinase 1 Polyclonal Antibody



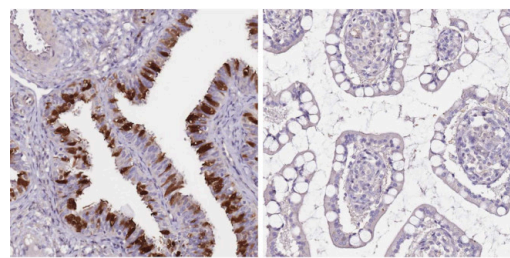
AK1 in Fallopian tube

AK1 in Small intestine



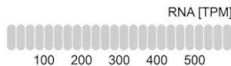
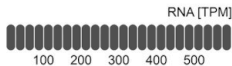
Adenylate Kinase 1 Antibody (PA5-52297)

Relative expression in different tissues in IHC: Detection of differential expression levels of Adenylate Kinase 1 demonstrates antibody specificity. Immunohistochemical analysis of Adenylate Kinase 1 using anti-Adenylate Kinase 1 Polyclonal Antibody (Product # PA5-52297), shows significant staining of Adenylate Kinase 1 in human fallopian tube and shows minimal or weak staining in human small intestine tissues. The relative expression levels of Adenylate Kinase 1 within each tissue is shown using RNA-Seq. {RE}



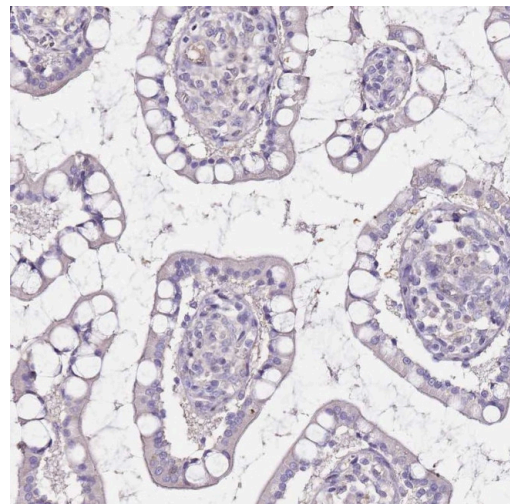
AK1 in Fallopian tube

AK1 in Small intestine



Adenylate Kinase 1 Antibody (PA5-52297) in IHC

Immunohistochemical staining of Adenylate Kinase 1 in human fallopian tube and small intestine tissues using Adenylate Kinase 1 Polyclonal Antibody (Product # PA5-52297). Corresponding AK1 RNA-seq data are presented for the same tissues.



Adenylate Kinase 1 Antibody (PA5-52297) in IHC

Immunohistochemical staining of Adenylate Kinase 1 in human small intestine using Adenylate Kinase 1 Polyclonal Antibody (Product # PA5-52297) shows low expression as expected.

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