

ARG45935 anti-PCYT2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PCYT2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PCYT2
Species	Human
Immunogen	Recombinant protein containing to human PCYT2.
Conjugation	Un-conjugated
Alternate Names	Phosphate Cytidyltransferase 2, Ethanolamine; PCYT2; Ethanolamine-phosphate cytidyltransferase; EC 2.7.7.14; CTP:phosphoethanolamine cytidyltransferase; Phosphorylethanolamine transferase

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IP	0.5-2 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	44 kDa	

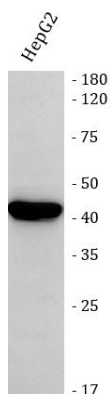
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
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 -22°C or below. 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.

Bioinformation

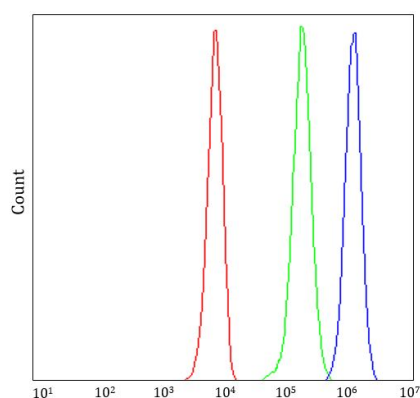
Gene Symbol	PCYT2
Gene Full Name	Phosphate Cytidylyltransferase 2, Ethanolamine
Background	This gene encodes an enzyme that catalyzes the formation of CDP-ethanolamine from CTP and phosphoethanolamine in the Kennedy pathway of phospholipid synthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Function	Ethanolamine-phosphate cytidylyltransferase that catalyzes the second step in the synthesis of phosphatidylethanolamine (PE) from ethanolamine via the CDP-ethanolamine pathway. [UniProt]
Calculated Mw	44 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



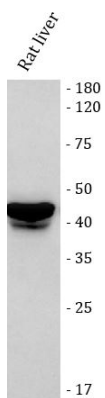
ARG45935 anti-PCYT2 antibody WB image

Western blot: HepG2 stained with ARG45935 anti-PCYT2 antibody at 0.5 µg/ml dilution.



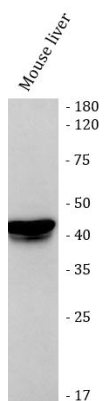
ARG45935 anti-PCYT2 antibody FACS image

Flow Cytometry: K562 stained with ARG45935 anti-PCYT2 antibody at 1 µg/10⁶ cells dilution.



ARG45935 anti-PCYT2 antibody WB image

Western blot: Rat liver stained with ARG45935 anti-PCYT2 antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45935 anti-PCYT2 antibody WB image

Western blot: Mouse liver stained with ARG45935 anti-PCYT2 antibody at 0.5 $\mu\text{g/ml}$ dilution.