



Rabbit Anti-Human ATP8A1 Polyclonal antibody (DPABH-24510)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ATP8A1 fusion protein, sequence: QNSQFGDEKTFSDSSLLLENLQNNHPTAPIICEFLTMMAVCHTAVPEREGDKIIYQAASPD EGALVRAAKQLNFVFTGRTPDSVIIDSLGQEERYELLN (430-527 aa encoded by BC109317)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Positive Control	mouse brain tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction

The P-type adenosinetriphosphatases (P-type ATPases) are a family of proteins which use the free energy of ATP hydrolysis to drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily catalyzes transport of heavy metal ions. Another subfamily transports non-heavy metal ions (NMHI). The protein encoded by this gene is a member of the third subfamily of P-type ATPases and acts to transport amphipaths, such as phosphatidylserine. Two transcript variants encoding different isoforms have been found for this gene.

Keywords

ATP8A1; ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1; ATP1A; ATP2; ATPASE2; phospholipid-transporting ATPase 1A; ATPase II; chromaffin granule ATPase II; aminophospholipid translocase; ATPase class I type 8A member 1; probable phospholipid-transporting ATPase 1A; P4-ATPase flippase complex alpha subunit ATP8A1;

GENE INFORMATION

Entrez Gene ID

[10396](#)

UniProt ID

[Q9Y2Q0](#)