

ATP8A1 antibody

Product Information

Catalog No.:	FNab00728
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Catalytic component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. In vitro, its ATPase activity is selectively and stereospecifically stimulated by phosphatidylserine(PS). The flippase complex ATP8A1:TMEM30A seems to play a role in regulation of cell migration probably involving flippase-mediated translocation of phosphatidylethanolamine(PE) at the plasma membrane. Acts as aminophospholipid translocase at the plasma membrane in neuronal cells.

Immunogen information

Immunogen:	ATPase, aminophospholipid transporter(APLT), class I, type 8A, member 1
Synonyms:	Phospholipid-transporting ATPase IA ATPase class I type 8A member 1 Chromaffin granule ATPase II P4-ATPase flippase complex alpha subunit ATP8A1 ATP8A1 ATPIA
Observed MW:	120 kDa
Uniprot ID :	Q9Y2Q0

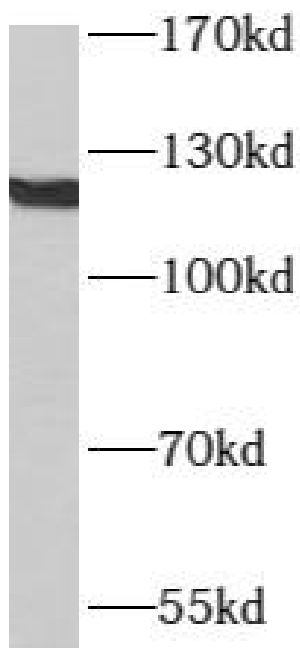
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab00728(ATP8A1 antibody) at dilution of 1:1000