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anti-ATP8A1 antibody (AA 448-545)

3 Im

Images



Overview

Quantity:	100 μg
Target:	ATP8A1
Binding Specificity:	AA 448-545
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP8A1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phospholipid-transporting ATPase IA protein (448-545AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP8A1
Alternative Name:	ATP8A1 (ATP8A1 Products)
Background:	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

Target Details

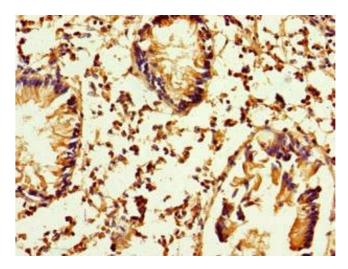
leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. In vitro, its ATPase activity is selectively and stereospecifically stimulated 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. Aliases: ATP8A1 antibody, ATPIAPhospholipid-transporting ATPase IA antibody, EC 7.6.2.1 antibody, ATPase class I type 8A member 1 antibody, Chromaffin granule ATPase II antibody, P4-ATPase flippase complex alpha subunit ATP8A1 antibody

UniProt:

Q9Y2Q0

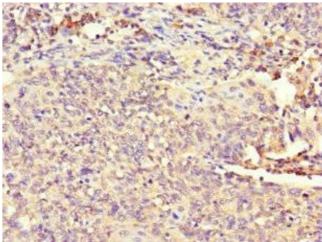
Application Details

Approache. 2 octains		
Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



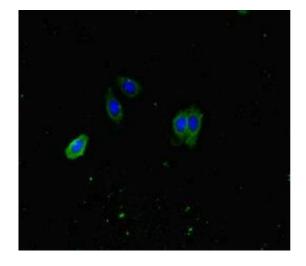
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human appendix tissue using ABIN7163366 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human cervical cancer using ABIN7163366 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7163366 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)