antibodies .- online.com







anti-PLA1A antibody (Middle Region)



Image



Publication



Overview

Quantity:	100 μL
Target:	PLA1A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLA1A
Sequence:	TDTDNLGIRI PVGHVDYFVN GGQDQPGCPT FFYAGYSYLI CDHMRAVHLY
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PLA1A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: PLA1A

Target Details

Alternative Name:	PLA1A (PLA1A Products)
Background:	Phosphatidylserine-specific phospholipase A1-alpha (PLA1A) acts specifically on
	phosphatidylserine (PS) and 1-acyl-2-lysophosphatidylserine (lyso-PS) to hydrolyze fatty acids
	at the sn-1 position of these phospholipids. Phosphatidylserine-specific phospholipase A1-alpha
	(PLA1A) acts specifically on phosphatidylserine (PS) and 1-acyl-2-lysophosphatidylserine (lyso-
	PS) to hydrolyze fatty acids at the sn-1 position of these phospholipids.[supplied by OMIM].
	Alias Symbols: PS-PLA1, PSPLA1
	Protein Interaction Partner: APP, ANXA2,
	Protein Size: 456
Molecular Weight:	50 kDa
Gene ID:	51365
NCBI Accession:	NM_015900, NP_056984
UniProt:	Q53H76
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 456 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

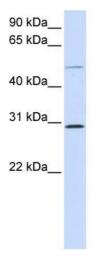
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Weiner, Marganski, Wu, Altschuler, Kirschner: "An actin-based wave generator organizes cell motility." in: **PLoS biology**, Vol. 5, Issue 9, pp. e221, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-PLA1A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate