

Datasheet for ABIN1399801

anti-PLA2G4A antibody (pSer505) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PLA2G4A
Binding Specificity:	pSer505
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G4A antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CPLA2 around the phosphorylation site of Ser505 [PL(p-S)PL]
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PLA2G4A
---------	---------

Target Details

Alternative Name:	CPLA2 (PLA2G4A Products)
Background:	Synonyms: Cytosolic phospholipase A2, cPLA2, Phospholipase A2 group IVA, PLA2G4A, CPLA2, PLA2G4, PA24A_HUMAN. Background: Selectively hydrolyzes arachidonyl phospholipids in the sn-2 position releasing arachidonic acid. Together with its lysophospholipid activity, it is implicated in the initiation of the inflammatory response.
Gene ID:	5321
UniProt:	P47712
Pathways:	Inositol Metabolic Process , G-protein mediated Events , VEGF Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months