

PA24F Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12719
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cytosolic phospholipase A2 zeta
Synonyms	Cytosolic phospholipase A2 zeta ;cPLA2-zeta;EC 3.1.1.4;Phospholipase A2 group IVF

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity:Phosphatidylcholine + H₂O = 1-acylglycerophosphocholine + a carboxylate.,The N-terminal C2 domain associates with lipid membranes and mediates its regulation by presenting the active site to its substrate in response to elevations of cytosolic Ca(2+).,enzyme regulation:Stimulated by cytosolic Ca(2+).,Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position. Has higher enzyme activity for phosphatidylethanolamine than phosphatidylcholine.,Contains 1 C2 domain.,Contains 1 PLA2c domain.,subcellular location:Translocates to lysosomal membranes in a calcium-dependent fashion.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year