

## cPLA2-Epsilon Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02187
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PLA2G4E. AA range:401-450
<b>Mol wt</b>	95687
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	cPLA2-epsilon Antibody
<b>Synonyms</b>	PLA2G4E; Cytosolic phospholipase A2 epsilon; cPLA2-epsilon; Phospholipase A2 group IVE

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

### Background

PLA2G4E (Phospholipase A2 Group IVE) is a Protein Coding gene. Among its related pathways are Metabolism and Glycerophospholipid biosynthesis. GO annotations related to this gene include phospholipase A2 activity and phospholipase activity. An important paralog of this gene is JMJD7-PLA2G4B. calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position. phospholipases are a group of enzymes that hydrolyze phospholipids into fatty acids and other lipophilic molecules. There are four major classes; phospholipase A, phospholipase B, phosphoinositide-specific phospholipase C and phospholipase D.

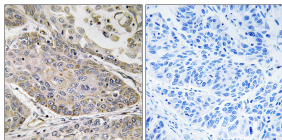
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using PLA2G4E Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year