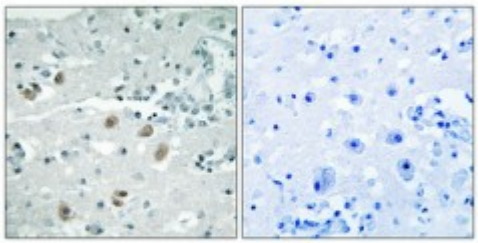
Anti-cPLA2-delta antibody



Description	Rabbit polyclonal to cPLA2-delta.

Model	STJ92451
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human cPLA2-delta
Immunogen Region	500-580 aa, Internal
Gene ID	283748
Gene Symbol	PLA2G4D
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	cPLA2-delta Polyclonal Antibody detects endogenous levels of cPLA2-delta protein.
Tissue Specificity	Expressed in stratified squamous epithelia, such as those in skin and cervix, but not in other tissues. Strongly expressed in the upper spinous layer of the psoriatic epidermis, expressed weakly and discontinuously in atopic dermatitis and mycosis fungoides, and not detected in the epidermis of normal skin.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cytosolic phospholipase A2 delta cPLA2-delta Phospholipase A2 group IVD

Molecular Weight	91.956 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:30038OMIM:612864
Alternative Names	Cytosolic phospholipase A2 delta cPLA2-delta Phospholipase A2 group IVD
Function	Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position. Not arachidonic acid-specific but has linoleic acid-specific activity. May play a role in inflammation in psoriatic lesions.
Sequence and Domain Family	The N-terminal C2 domain associates with lipid membranes upon calcium binding. It modulates enzyme activity by presenting the active site to its substrate in response to elevations of cytosolic Ca(2+) .
Cellular Localization	Cytoplasm, cytosol. Cytoplasmic vesicle membrane. Translocates to membrane vesicles in a calcium-dependent fashion. Translocates to perinuclear regions upon ionomycin stimulation .