



Group VI iPLA2 rabbit pAb

Cat No.:ES7720

For research use only

Overview

Product Name	Group VI iPLA2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human Group VI iPLA2.
Specificity	Group VI iPLA2 Polyclonal Antibody detects endogenous levels of Group VI iPLA2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	85/88 kDa calcium-independent phospholipase A2
Gene Name	PLA2G6
Cellular localization	Cytoplasm . Cell membrane . Mitochondrion . Cell projection, pseudopodium . Recruited to the membrane-enriched pseudopods upon MCP1/CCL2 stimulation in monocytes. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	90kD
Human Gene ID	8398
Human Swiss-Prot Number	O60733
Alternative Names	PLA2G6; PLPLA9; 85/88 kDa calcium-independent phospholipase A2; CaI-PLA2; Group VI phospholipase A2; GVI PLA2; Intracellular membrane-associated calcium-independent phospholipase A2 beta; iPLA2-beta; Patatin-like phospholipase domain-contai





Background

The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only three of them have been determined to date. [provided by RefSeq, Dec 2010],

