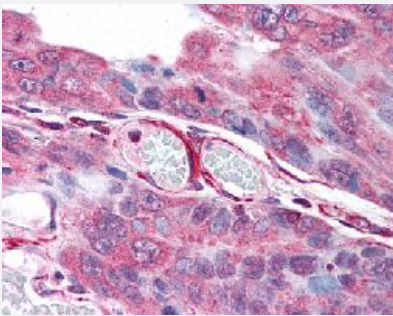


PLA2G3 polyclonal antibody

Catalog # PAB16527

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human colon carcinoma with PLA2G3 polyclonal antibody (Cat # PAB16527).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PLA2G3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human PLA2G3.
Host	Rabbit
Reactivity	Bovine, Human, Monkey, Pig
Specificity	Internal domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human colon carcinoma with PLA2G3 polyclonal antibody (Cat # PAB16527).

Gene Info — PLA2G3

Entrez GeneID [50487](#)

Protein Accession# [Q9NZ20](#)

Gene Name PLA2G3

Gene Alias GIII-SPLA2, SPLA2III

Gene Description phospholipase A2, group III

Omim ID [611651](#)

Gene Ontology [Hyperlink](#)

Gene Summary PLA2G3 belongs to the family of secreted phospholipase A2 (sPLA2; EC 3.1.1.4) proteins. These Ca(2+)-dependent lipolytic enzymes have a conserved Ca(2+)-binding loop and a his-aspartate dyad in the catalytic site (Murakami et al., 2003 [PubMed 12522102]). [supplied by OMIM]

Other Designations group III secreted phospholipase A2|phosphatidylcholine 2-acylhydrolase GIII

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)

- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)