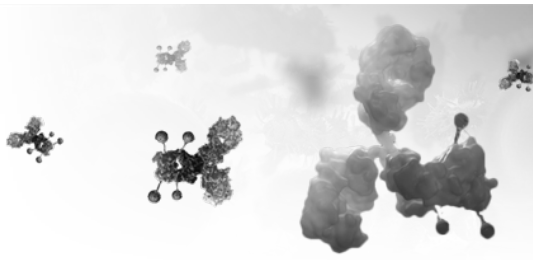

Anti-PLA2G4A (aa 152-179) polyclonal antibody (DPAB-DC804)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	PLA2G4A (phospholipase A2, group IVA (cytosolic, calcium-dependent)) is a protein-coding gene. Diseases associated with PLA2G4A include small bowel adenocarcinoma, and krabbe disease, and among its related super-pathways are Fc epsilon RI signaling pathway and Acyl chain remodelling of PI. GO annotations related to this gene include calcium-dependent phospholipid binding and calcium ion binding. An important paralog of this gene is PLA2G4D.
Specificity	This polyclonal antibody is specific to cytosolic Phospholipase A2 (cPLA2). This antibody against a unique peptide in murine cPLA2. It is very useful for studies of the expression of this arachidonate-specific PLA2 and its role in the regulation of eicosa
Immunogen	A synthetic peptide corresponding to amino acids 152-179 of mouse Pla2g4a. The sequence is DQEKTFRQQRKENIKENMKKLLGPKKSE
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	1 mg
Buffer	In PBS (0.05% sodium azide)
Preservative	0.05% Sodium Azide

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Storage	Store at 4°C. For long term storage store at -80°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Pla2g4a phospholipase A2, group IVA (cytosolic, calcium-dependent) [Mus musculus (house mouse)]
Official Symbol	PLA2G4A
Synonyms	PLA2G4A; phospholipase A2, group IVA (cytosolic, calcium-dependent); cPLA2; Pla2g4; cPLA2alpha; cytosolic phospholipase A2; cPLA2-alpha; Type IV PLA2; cytosolic PLA2; phospholipase A2, group 4; phospholipase A2 group IVA; Cytosolic phospholipase A2 (CPLA2);
Entrez Gene ID	18783
Protein Refseq	NP_032895
UniProt ID	P47713
Chromosome Location	1 G1; 1 63.51 cM
Pathway	ADP signalling through P2Y purinoceptor 1; Acyl chain remodelling of PC; Acyl chain remodelling of PG; Acyl chain remodelling of PS
Function	calcium ion binding; calcium-dependent phospholipase A2 activity; calcium-dependent phospholipid binding; hydrolase activity

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