



Anti-PLA2G2D polyclonal antibody (CPBT-43370RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human PLA2G2D.
Antigen Description	Phospholipase A2 (PLA2) catalyzes the hydrolysis of the sn-2 position of membraneglycerophospholipids to liberate arachidonic acid (AA), a precursor of eicosanoids including prostaglandins and leukotrienes. The same reaction also produces lysophospholipid
Specificity	Broadly expressed.
Immunogen	Recombinant human Phospholipase A2 IID. 16.4 kDa protein containing 125 amino acid residues of the human Phospholipase A2 IID and 16 additional amino acid residues, HisTag. Source of immunogen E.coli
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the phospholipase A2 family.
Cellular Localization	Secreted.
Format	Liquid
Size	100 µg

Buffer	Preservative: None Constituents: 0.1M Sodium chloride, 0.05M PBS, pH 7.2
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	PLA2G2D phospholipase A2, group IID [Homo sapiens]
Official Symbol	PLA2G2D
Synonyms	PLA2G2D; phospholipase A2, group IID; group IID secretory phospholipase A2; sPLA2S; stroma-associated homolog; 2IID; EC 3.1.1.4; GIID sPLA2; Group IID secretory phospholipase A2; Group IID secretory phospholipase A2 precursor; PA2GD_HUMAN; Phosphatidylcholine 2 acylhydrolase GIID; Phosphatidylcholine 2-acylhydrolase 2D; Phospholipase A2 group IID; Pla2g2d; PLA2IID; Secretory phospholipase A2s; Secretory type PLA stroma associated homolog; Secretory-type PLA; sPLA; sPLA2-IID; sPLA2S; SPLASH; PLA2IID; sPLA2-IID; GIID sPLA2; secretory phospholipase A2s; phosphatidylcholine 2-acylhydrolase 2D; secretory-type PLA, stroma-associated homolog; SPLASH;
Entrez Gene ID	26279
Protein Refseq	NP_036532
UniProt ID	A0A087WZT4
Chromosome Location	1p36.12
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic sy
Function	calcium ion binding; hydrolase activity; phospholipase A2 activity;