
Product Information

Product SKU:	CAB17696	Gene ID:	50487	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human, Mouse

Additional Information

Observed MW:	57kDa	Conjugate:	Unconjugated
Calculated MW:	57kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a protein that belongs to the secreted phospholipase A2 family, whose members include the bee venom enzyme. The encoded enzyme functions in lipid metabolism and catalyzes the calcium-dependent hydrolysis of the sn-2 acyl bond of phospholipids to release arachidonic acid and lysophospholipids. This enzyme acts as a negative regulator of ciliogenesis, and may play a role in cancer development by stimulating tumor cell growth and angiogenesis. This gene is associated with oxidative stress, and polymorphisms in this gene are linked to risk for Alzheimer's disease.

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: SPLA2III; sPLA2-III; GIII-SPLA2; PLA2G3

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 400-500 of human PLA2G3 (NP_056530.2).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.