

# **Product datasheet for TA346054**

### **PLA2G5 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-PLA2G5 antibody: synthetic peptide directed towards the middle

region of human PLA2G5. Synthetic peptide located within the following region:

YRFAWGVVTCEPGPFCHVNLCACDRKLVYCLKRNLRSYNPQYQYFPNILC

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 14 kDa

Gene Name: phospholipase A2 group V

Database Link: NP 000920

Entrez Gene 5322 Human

P39877

Background: This gene is a member of the secretory phospholipase A2 family. It is located in a tightly-

linked cluster of secretory phospholipase A2 genes on chromosome 1. The encoded enzyme catalyzes the hydrolysis of membrane phospholipids to generate lysophospholip and free

fatty acids including arachidonic acid.

Synonyms: FRFB; GV-PLA2; hVPLA(2); PLA2-10



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Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 86%; Rat: 86%; Bovine: 86%;

Guinea pig: 86%; Horse: 85%

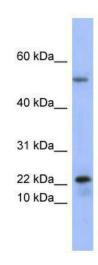
**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** 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

## **Product images:**



WB Suggested Anti-PLA2G5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Human Thymus