

## Product datasheet for **TA341943**

### PLA2G2E 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-PLA2G2E antibody: synthetic peptide directed towards the middle region of human PLA2G2E. Synthetic peptide located within the following region: GIFCAGRTTCQRLTCECDKRAALCFRRNLGTYNRKYAHYPNKLCTGPTTP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	phospholipase A2 group IIE
Database Link:	<a href="#">NP_055404</a> <a href="#">Entrez Gene 30814 Human</a> <a href="#">Q9NZK7</a>
Background:	PA2 catalyzesThe calcium-dependent hydrolysis ofThe 2-acyl groups in 3-sn-phosphoglycerides. Has a preference for arachidonic-containing phospholipids.
Synonyms:	GIIE sPLA2; sPLA2-IIE
Note:	Immunogen Sequence Homology: Human: 100%; Mouse: 100%; Bovine: 100%; Horse: 93%
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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**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-PLA2G2E Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: Jurkat cell lysate