



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11960 - Goat Anti-PLA2G7 (aa53-64) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PLA2G7, phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma), LDL-PLA2, LP-PLA2, PAFAD, PAFAH, 1-alkyl-2-acetyl-glycerophosphocholine esterase, 2-acetyl-1-alkyl-glycerophosphocholine esterase, LDL-PLA(2), LDL-associated phospholipase A2, PAF 2-acylhydrolase, PAF acetylhydrolase, gVIIA-PLA2, group-VIIA phospholipase A2, lipoprotein-associated phospholipase A2, platelet-activating factor acetylhydrolase

**Official Symbol:** PLA2G7

**Accession Number(s):** NP\_005075.3

**Human GeneID(s):** [7941](#)

**Important Comments:** Reported variants represent identical protein: NP\_005075.3, NP\_001161829.1

### Immunogen

Peptide with sequence C-QTKIPRGNGPYS, from the internal region of the protein sequence according to NP\_005075.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Preliminary experiments gave an approx 100kDa band in Human Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 50.1kDa according to NP\_005075.3. The 100kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Does the observed molecular weight correspond to a glycosylated form?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human