



## UK Office

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

## EB12467 - Goat Anti-PLA2G2A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PLA2G2A, phospholipase A2, group IIA (platelets, synovial fluid), MOM1, PLA2, PLA2B, PLA2L, PLA2S, PLAS1, sPLA2, GIIC sPLA2, NPS-PLA2, group IIA phospholipase A2, non-pancreatic secretory phospholipase A2, phosphatidylcholine 2-acylhydrolase 2A, phospholi

**Official Symbol:** PLA2G2A

**Accession Number(s):** NP\_000291.1

**Human GeneID(s):** [5320](#)

**Important Comments:** Reported variants represent identical protein: NP\_001155199.1, NP\_000291.1, NP\_001155201.1, NP\_001155200.1.

### Immunogen

Peptide with sequence C-SYKFSNSGSRIT, from the internal region of the protein sequence according to NP\_000291.1.

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:** Approx 19kDa band observed in Human Placenta lysates (calculated MW of 16.1kDa according to NP\_000291.1). Recommended concentration: 0.1-0.3µg/ml.

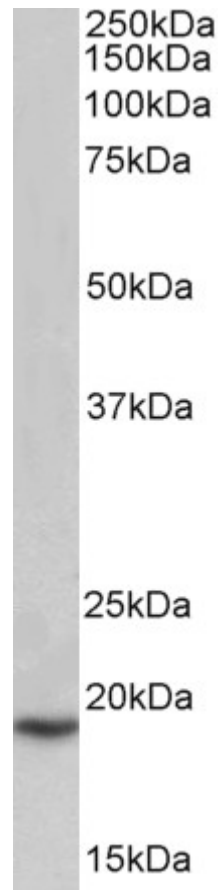
Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 5µg/ml.

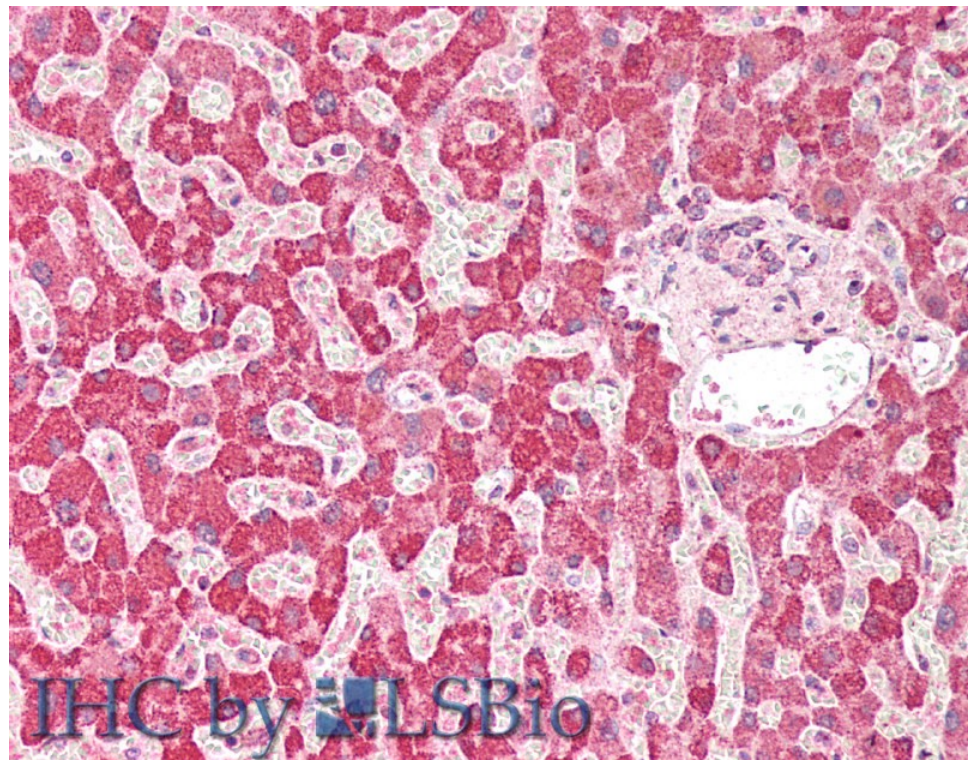
### Species Reactivity

**Tested:** Human

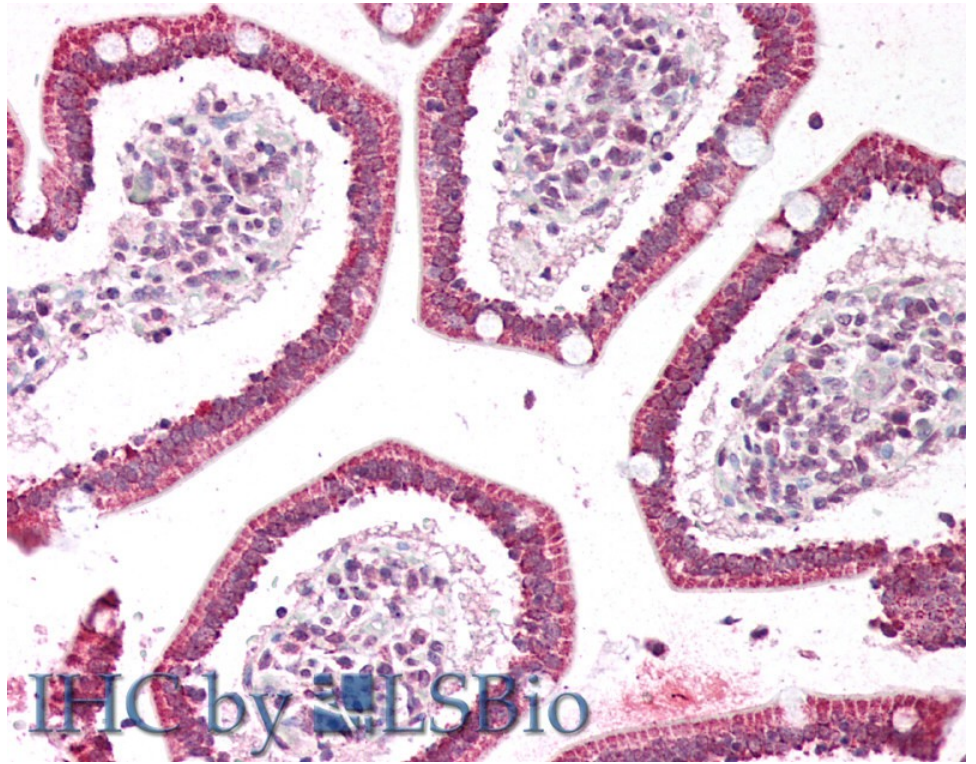
**Expected from sequence similarity:** Human



EB12467 (0.1 µg/ml) staining of Placenta lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



EB12467 (5 µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12467 (5 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.