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## **GOAT ANTI-CPLA2-ZETA ANTIBODY**

**SKU:** EB09974

## **SPECIFICATIONS**

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

**Unit Size** 

Storage

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

Synonym /

**Alias** 

cPLA2-zeta|cytosolic phospholipase A2 zeta|DKFZp666G192|DKFZp781B229|phospholipase A2, group

IVF|PLA2G4FZ|PLA2G4F

**Names** 

ID

Accession

NP 998765.3

**Blocking** 

**Peptide** 

EBP09974

according to NP 998765.3.

**Peptide** C-QTAEEKAFGDFVINR

Sequence

Immunogen

Method

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

Peptide with sequence C-QTAEEKAFGDFVINR, from the internal region (near C Terminus) of the protein sequence

**Shipping** Instructions

**Predicted** 

Refrigerated

**Species** 

Human, Mouse, Rat, Cow

Human Gene ID

255189

**Product** Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring medium.png

**ELISA** 

**Detection** 

Western

**Blot** 

Antibody detection limit dilution 1:16000.

Limit

Preliminary experiments gave bands at approx 55-60kDa and 35kDa in Human Placenta lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 95.1kDa according to NP\_998765.3. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified

forms been reported?





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**Application Type**Pep-ELISA