

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 100 µg

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

Accession ID NP_998765.3

Blocking Peptide EBP09974

Immunogen Peptide with sequence C-QTAAEKAQGDFVINR, from the internal region (near C Terminus) of the protein sequence according to NP_998765.3.

Peptide Sequence C-QTAAEKAQGDFVINR

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

Shipping Instructions Refrigerated

Predicted 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 Limit Antibody detection limit dilution 1:16000.

Western Blot 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?

Application Pep-ELISA
Type

DOCUMENTS

- [Data Sheet](#)