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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	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	cPLA2-zeta|cytosolic phospholipase A2 zeta|DKFZp666G192|DKFZp781B229|phospholipase A2, group IVF|PLA2G4FZ|PLA2G4F
Accession ID	NP_998765.3
Blocking Peptide	EBP09974
Immunogen	Peptide with sequence C-QTAEEKAFGDFVINR, from the internal region (near C Terminus) of the protein sequence according to NP_998765.3.
Peptide Sequence	C-QTAEEKAFGDFVINR
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 Type	Pep-ELISA

DOCUMENTS

- Data Sheet