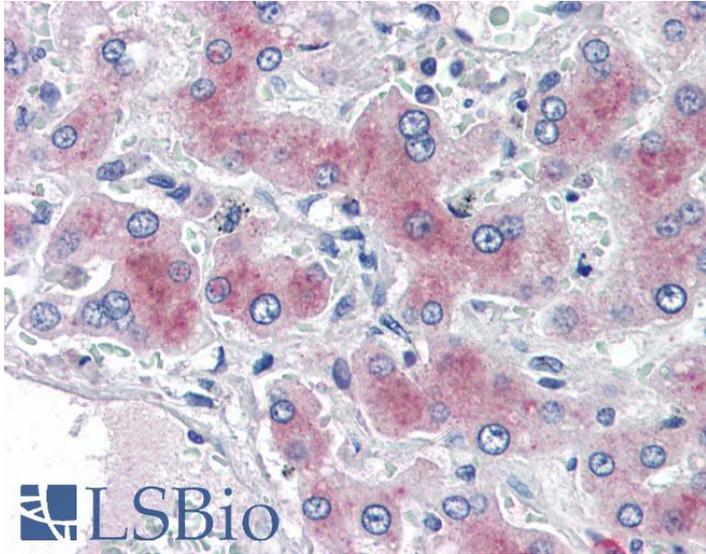


GOAT ANTI-PCK1 / PEPCKC (INTERNAL) ANTIBODY

SKU: EB06943



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	PEPCK-C phosphopyruvate carboxylase phosphoenolpyruvate carboxylase cytosolic phosphoenolpyruvate carboxykinase 1 PEP carboxykinase PEPCKC PEPCK1 MGC22652 HGNC:8724 phosphoenolpyruvate carboxykinase 1 (soluble) PCK1
Accession ID	NP_002582.3
Blocking Peptide	EBP06943
Immunogen	Peptide with sequence C-HVNWFRKDKEGK, from the internal region of the protein sequence according to NP_002582.3.
Peptide Sequence	C-HVNWFRKDKEGK
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, Dog
Reactive Species	Human
Human Gene ID	5105
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Cerebral Cortex, Kidney and Liver. Recommended concentration: 2µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Preliminary experiments gave bands at approx 70kDa, 45kDa and 28kDa in Human Adipose, Kidney and Liver lysates after 0.3 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the additional bands we observe given the calculated size of 69.2 kDa according to NP_002582.2. All three 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).
Application Type	Pep-ELISA, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

