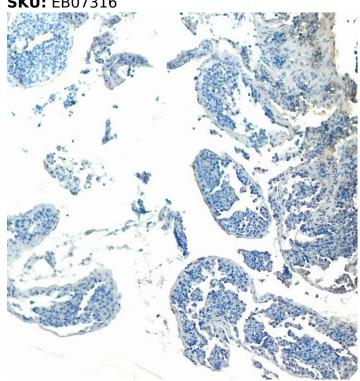
Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-GPX4 (ISOFORM A AND C) ANTIBODY**

**SKU:** EB07316



## **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

sperm nucleus glutathione peroxidase|phospholipid hydroperoxidase|glutathione peroxidase 4|snGPx|PHGPx|HGNC:4556|glutathione peroxidase 4 (phospholipid hydroperoxidase)|GPX4

**Names** 

Accession NP\_002076.2; NP\_001034937.1

**Blocking Peptide** 

EBP07316

**Immunogen** 

Peptide with sequence C-EEPLVIEKDLPHY, from the C Terminus of the protein sequence according to NP\_002076.2; NP\_001034937.1.





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**Product** Comments

This antibody is expected to recognise isoform A (NP\_002076.2) and isoform C (NP\_001034937.1).

**Peptide** 

Sequence

C-EEPLVIEKDLPHY

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method

using the immunizing peptide.

Shipping Instructions

Refrigerated

**Predicted Species** 

Human, Mouse, Rat, Pig, Cow

Reactive

**Species** 

Human, Mouse, Rat

Human

2879 Gene ID

**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 Testis. Recommended concentration: 4-6µg/ml.

FLISA

Detection

Western

Antibody detection limit dilution 1:128000.

Limit

Blot

Approx 19-20kDa band observed in Human, Mouse and Rat Testis lysates, Human and Rat Kidney lysates, and in preliminary testing of K562 cell lysate (calculated MW of 22.1kDa according to Human NP\_002076.2, Mouse

NP\_032188.3 and Rat NP\_058861.3). Recommended concentration: 0.01-1µg/ml. Primary incubation 1 hour at

room temperature.

**Application** 

Type

Pep-ELISA, WB, IHC

## SELECTED REFERENCES

[{"pmid": 21084748, "intro": "This antibody (previous batch) has been successfully used in the following paper:", "title": "Mutations in the selenocysteine insertion sequence-binding protein 2 gene lead to a multisystem selenoprotein deficiency disorder in humans.", "author": "Schoenmakers E et. al.", "journal": "J Clin Invest. 2010 Dec 1;120(12):4220-35."}, {"pmid": 19803747, "intro": "This antibody (previous batch) has been successfully used in WB on Human:", "title": "SECIS-binding protein 2 promotes cell survival by protecting against oxidative stress.", "author": "Papp LV, Lu J, Bolderson E, Boucher D, Singh R, Holmgren A, Khanna KK.", "journal": "Antioxid Redox Signal. 2010 Apr 1;12(7):797-808."}]

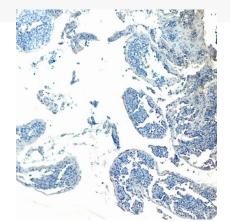
## **GALLERY IMAGES**

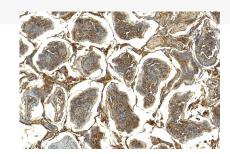


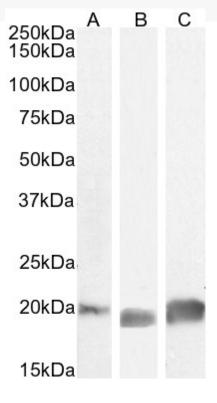


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