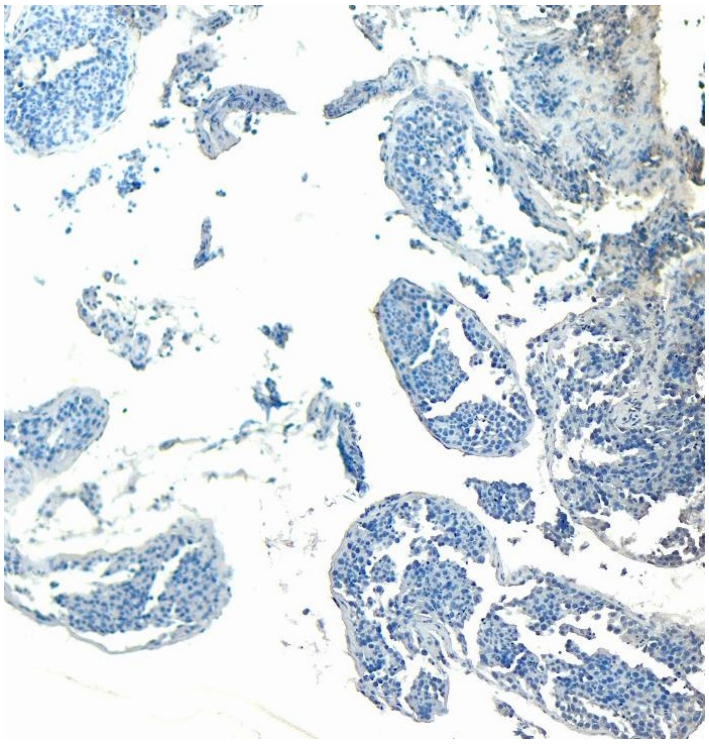
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	sperm nucleus glutathione peroxidase|phospholipid hydroperoxidase|glutathione peroxidase 4|snGPx|PHGPx|HGNC:4556|glutathione peroxidase 4 (phospholipid hydroperoxidase)|GPX4
Accession ID	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.

Product Comments	This antibody is expected to recognise isoform A (NP_002076.2) and isoform C (NP_001034937.1).
Peptide Sequence	C-EEPLVIEKDLPHY
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, Pig, Cow
Reactive Species	Human, Mouse, Rat
Human Gene ID	2879
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.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western 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

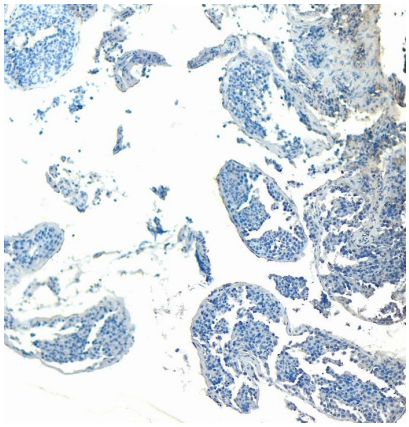
[{"pmid": 21084748, "intro": "**This antibody (previous batch) has been successfully used in the following paper:**", "title": "Mutations in the selenocysteine insertion sequence-binding protein 2 gene lead to a multisystem selenoprotein deficiency disorder in humans.", "author": "Schoenmakers E et. 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."}]

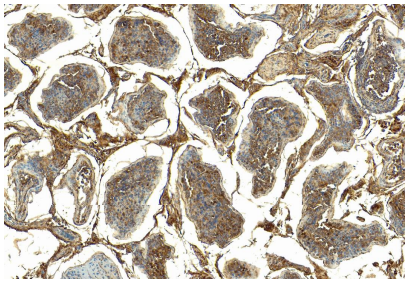
DOCUMENTS

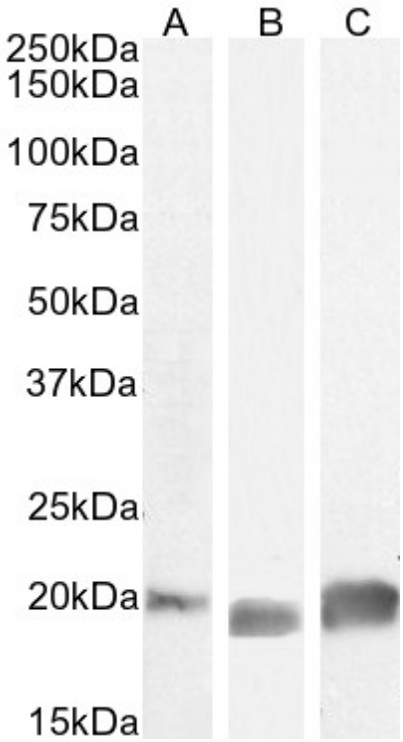
- Data Sheet

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GALLERY IMAGES







www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600