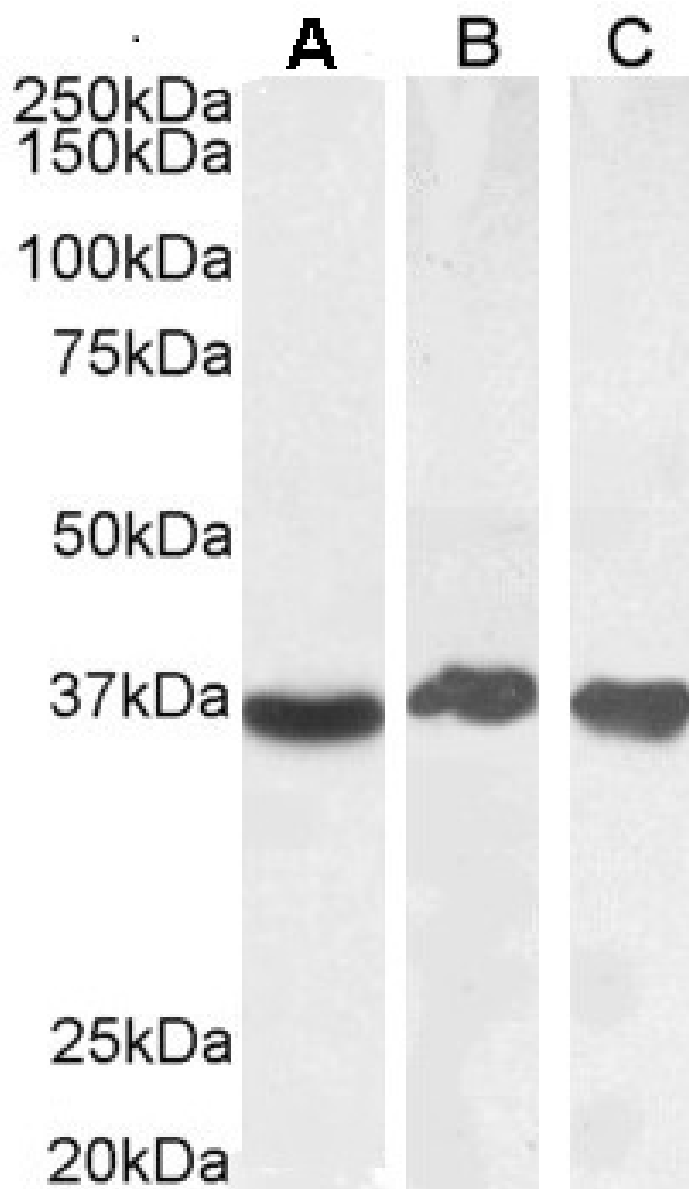


GOAT ANTI-GAPDH (INTERNAL) ANTIBODY

SKU: EB07069



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	peptidyl-cysteine S-nitrosylase GAPDH HEL-S-162eP epididymis secretory sperm binding protein Li 162eP glyceraldehyde 3-phosphate dehydrogenase aging-associated gene 9
Names	protein MGC88685 GAPD G3PD HGNC:4141 glyceraldehyde-3-phosphate dehydrogenase GAPDH
Usage	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U251 and HeLa cells. Recommended concentration: 5-10µg/ml.
Summary	
Accession ID	NP_002037.2; NP_001243728.1
Blocking Peptide	EBP07069
Immunogen	Peptide with sequence C-GVNHEKYDNSLK, from the internal region of the protein sequence according to NP_002037.2; NP_001243728.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_002037.2; NP_001243728.1). Reported variants represent identical protein: NP_001276674.1, NP_002037.2, NP_001276675.1. GAPDH is constitutively expressed in almost all tissues at high levels. It is therefore a useful marker when a loading/positive control is required in western blotting.
Peptide Sequence	C-GVNHEKYDNSLK
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, Dog
Reactive Species	Human, Mouse, Rat
Human Gene ID	2597
Mouse Gene ID	14433
Rat Gene ID	24383
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	In paraffin embedded Human Liver shows textured cytoplasm staining in hepatocytes. Recommended concentration: 2µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 37kDa band observed in Human Liver, Testis and Tonsil, and in Mouse Liver and Rat Heart lysates, and in cell lysates of HeLa and NIH3T3 (calculated MW of 36.1kDa according to Human NP_002037.2, Mouse NP_032110.1, and Rat NP_058704.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature. This product has been successfully used in WB on Human: PMID: 29953622, PMID: 29158223 and https://doi.org/10.1101/2022.01.21.477266 , and in WB on Rat: PMID: 31087788 and 34584880.
Application Type	Pep-ELISA, WB, IHC, IF

SELECTED REFERENCES

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"journal": "https://doi.org/10.1101/2022.01.21.477266"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

