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GOAT ANTI-GAPDH (C TERMINUS) LOADING CONTROL ANTIBODY

SKU: EB06377

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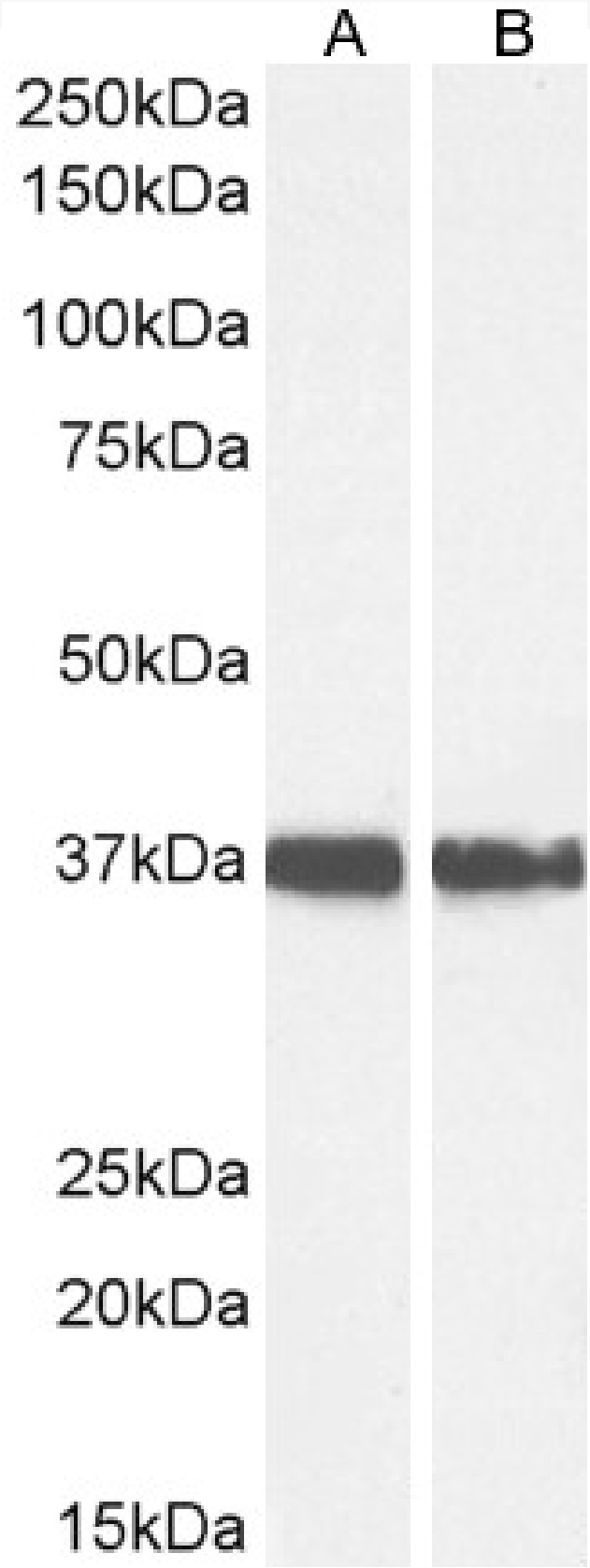

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SPECIFICATIONS

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	peptidyl-cysteine S-nitrosylase GAPDH|HEL-S-162eP|epididymis secretory sperm binding protein Li 162eP|glyceraldehyde 3-phosphate dehydrogenase|aging-associated gene 9 protein|MGC88685|GAPD|G3PD|HGNC:4141|glyceraldehyde-3-phosphate dehydrogenase|GAPDH
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm, membranes and cytoplasmic bodies of A549 cells. Recommended concentration: 10µg/ml.
Accession ID	NP_002037.2
Blocking Peptide	EBP06377
Immunogen	Peptide with sequence C-HQVVSSDFNSDT, from the C Terminus of the protein sequence according to NP_002037.2.
Product Comments	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-HQVVSSDFNSDT
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, Dog, Pig
Reactive Species	Human, Mouse
Human Gene ID	2597
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Lung. Recommended concentration: 5-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:4000.
Western Blot	Approx. 37kDa band observed in lysates of cell lines HEK293 and HeLa, and in Human Liver and Mouse Spleen lysates (calculated MW of 36.1kDa according to Human NP_002037.2, and 35.8kDa according to Mouse NP_032110.1). Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, IHC

SELECTED REFERENCES

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GALLERY IMAGES

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