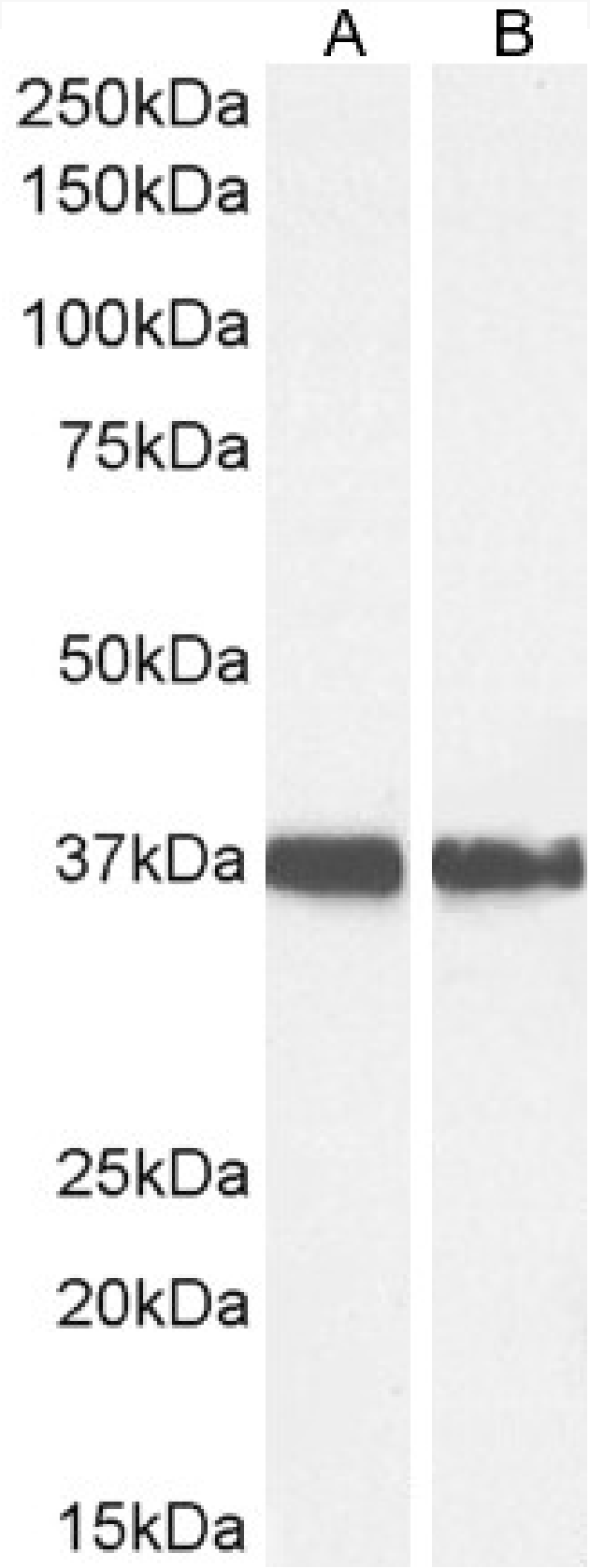
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GOAT ANTI-GAPDH (C TERMINUS) LOADING CONTROL ANTIBODY

SKU: EB06377

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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 and plasma membrane of HeLa 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
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	1:32000
Western Blot	Approx. 37kDa band observed in lysates of cell lines HeLa, HEK293, and LNCaP, and in Human Liver lysates (calculated MW of 36.1kDa according to NP_002037). Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IF, IHC

SELECTED REFERENCES

[{"pmid": 30032029, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human and Mouse:**", "title": "MXB inhibits murine cytomegalovirus", "author": "Jaguva Vasudevan AA, Bähr A, Grothmann R, Singer A, Häussinger D, Zimmermann A, Münk C.", "journal": "Virology. 2018 Sep;522:158-167."}, {"pmid": 27570965, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Drosophila:**", "title": "Practical Recommendations for the Use of the GeneSwitch Gal4 System to Knock-Down Genes in Drosophila melanogaster.", "author": "Scialo F, Sriram A, Stefanatos R, Sanz A.", "journal": "PLoS One. 2016 Aug 29;11(8)"}, {"pmid": 24526161, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Interferon-? induces loss of spherogenicity and overcomes therapy resistance of glioblastoma stem cells.", "author": "Happold C, Roth P, Silginer M, Florea AM, Lamszus K, Frei K, Deenen R, Reifenberger G, Weller M.", "journal": "Mol Cancer Ther. 2014 Apr;13(4):948-61."}, {"pmid": 30233553, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "APOBEC3B Activity Is Prevalent in Urothelial Carcinoma Cells and Only Slightly Affected by LINE-1 Expression", "author": "Ananda Ayyappan Jaguva Vasudevan, Ulrike Kreimer, Wolfgang A Schulz, Aikaterini Krikoni, Gerald G Schumann, Dieter Häussinger, Carsten Münk, Wolfgang Goering", "journal": "Front Microbiol. 2018 Sep 4;9:2088."}, {"pmid": 22564186, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Distinct molecular mechanisms of acquired resistance to temozolomide in glioblastoma cells.", "author": "Happold C, Roth P, Wick W, Schmidt N, Florea AM, Silginer M, Reifenberger G, Weller M.", "journal": "J Neurochem. 2012 May 7. doi: 10.1111/j.1471-4159.2012.07781.x."}, {"pmid": 31292108, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Drosophila:**", "title": "Minimal effects of spargel (PGC-1?) overexpression in a Drosophila mitochondrial disease model", "author": "Jack George & Howard T. Jacobs", "journal": "bioRxiv 529545; doi: https://doi.org/10.1101/529545 (2019)"}, {"pmid": 30068654, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "USP18 (UBP43) Abrogates p21-Mediated Inhibition of HIV-1", "author": "Osei Kuffour E, Schott K, Jaguva Vasudevan AA, Holler J, Schulz WA, Lang PA, Lang KS, Kim B, Häussinger D, König R, Münk C", "journal": "J Virol. 2018 Sep 26;92(20). pii: e00592-18"}, {"pmid": 31473309, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Drosophila:**", "title": "Germline knockdown of spargel (PGC-1) produces embryonic lethality in Drosophila.", "author": "George J, Jacobs HT", "journal": "Mitochondrion. 2019 Aug 29;49:189-199"}, {"pmid": 0, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Drosophila:**", "title": "Effects on dopaminergic neurons are secondary in COX-deficient locomotor dysfunction in Drosophila", "author": "Cagri Yalgin, Bohdana Rovenko, Ana Andjelkovi?, Margot Neefjes, Burak Oymak, Eric

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DOCUMENTS

- Data Sheet

GALLERY IMAGES

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