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GOAT ANTI-LDHC (AA 217 - 231) ANTIBODY

SKU: EB07977


250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

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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	LDHX|LDH3|lactate dehydrogenase C|MGC111073|LDHC
Accession ID	NP_002292.1; NP_059144.1
Blocking Peptide	EBP07977
Immunogen	Peptide with sequence C-KLGTDSDKEHWKNIH, from the Internal region of the protein sequence according to NP_002292.1; NP_059144.1.
Product Comments	Both variants represent identical product (NP_002292.1 and NP_059144.1).
Peptide Sequence	C-KLGTDSDKEHWKNIH
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
Reactive Species	Mouse
Human Gene ID	3948
Mouse Gene ID	16833
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Mouse Testis shows strong signal in seminiferous tubules of Mouse Tesits. Recommended concentration, 1-2µg/ml. This antibody has been successfully used in IHC on Mouse, PMID: 36464740.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 30-35kDa band observed in Mouse Testis lysates (calculated MW of 36.6kDa according to human NP_002292.1 and 35.9kDa according to mouse NP_038608.1). Recommended concentration: 0.03-0.1µg/ml. This antibody has been successfully used in WB on Mouse, PMID: 36464740.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 36464740, "intro": "**This antibody has been successfully used in WB and IHC on Mouse:**", "title": "Generation of humanized LDHC knock-in mice as a tool to assess human LDHC-targeting contraceptive drugs.", "author": "Rie Iida-Norita, Haruhiko Miyata, Yuki Kaneda, Chihiro Emori, Taichi Noda, Tatsuya Nakagawa, Martin M Matzuk, Masahito Ikawa", "journal": "Andrology. 2023 Jul;11(5):840-848."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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