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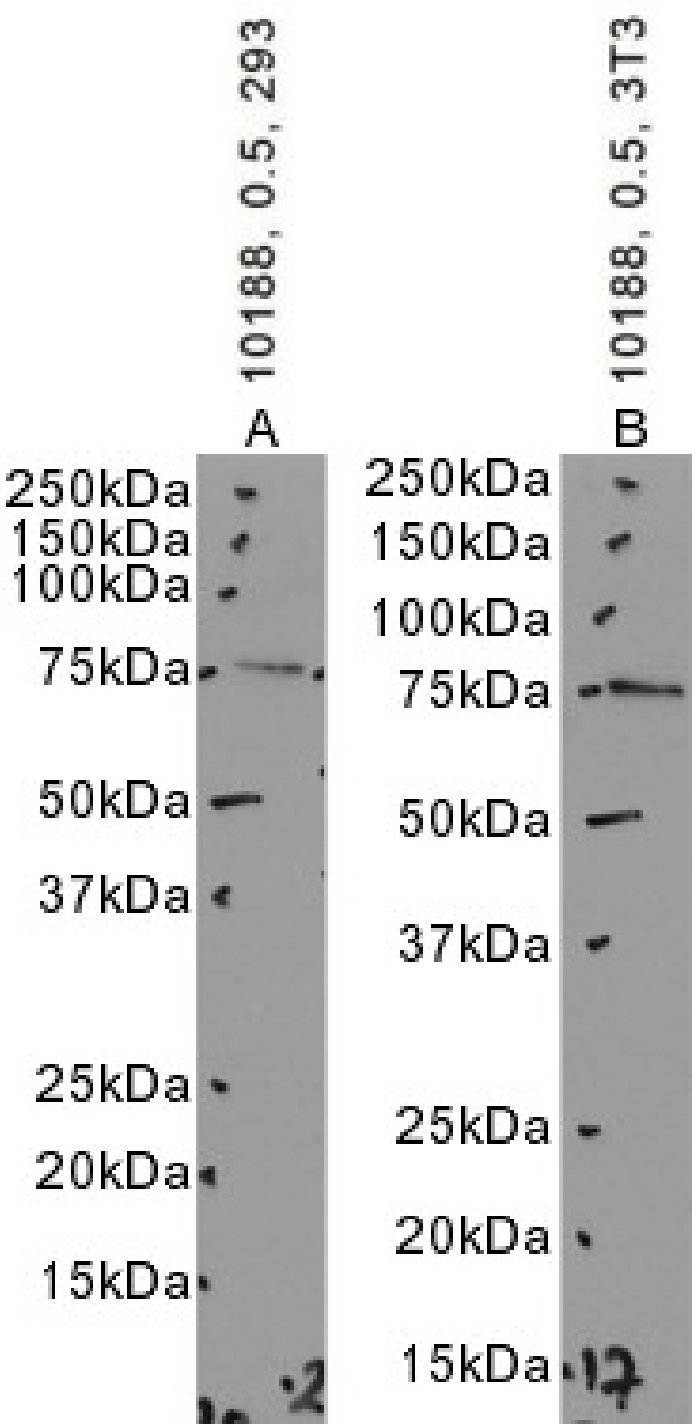
GOAT ANTI-NDUFS1 ANTIBODY

SKU: EB10188



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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	NDUFS1|PRO1304|OTTHUMP00000206345|NADH-coenzyme Q reductase|NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)|NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa|MGC26839|complex I, mitochondrial respirato|CI-75Kd
Usage Summary	Immunofluorescence: Strong expression of the protein seen in U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HEK293 cells. Recommended concentration: 10ug/ml.
Accession ID	NP_004997.4; NP_001186910.1; NP_001186911.1; NP_001186912.1; NP_001186913.1
Blocking Peptide	EBP10188
Immunogen	Peptide with sequence C-TEKSATYVNTEGR, from the internal region of the protein sequence according to NP_004997.4; NP_001186910.1; NP_001186911.1; NP_001186912.1; NP_001186913.1.
Product Comments	This antibody is expected to recognise isoforms NP_004997.4; NP_001186910.1; NP_001186911.1; NP_001186912.1; NP_001186913.1
Peptide Sequence	C-TEKSATYVNTEGR
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, Cow
Reactive Species	Human, Mouse, Rat
Human Gene ID	4719
Mouse Gene ID	227197
Rat Gene ID	301458
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 Heart. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx. 75kDa band observed in lysates of cell lines HEK293 and NIH3T3 and in Rat Heart lysates, and approx. 80kDa in Human and Mouse Heart and in Human Skeletal Muscle lysates (calculated MW of 79.5kDa according to Human NP_004997.4 and Rat NP_001005550.1, 75.4kDa according to Human NP_001186910.1, and 79.8kDa according to Mouse NP_001153510.1). Recommended concentration: 0.1-0.5µg/ml. Primary incubation 1 hour at room temperature.

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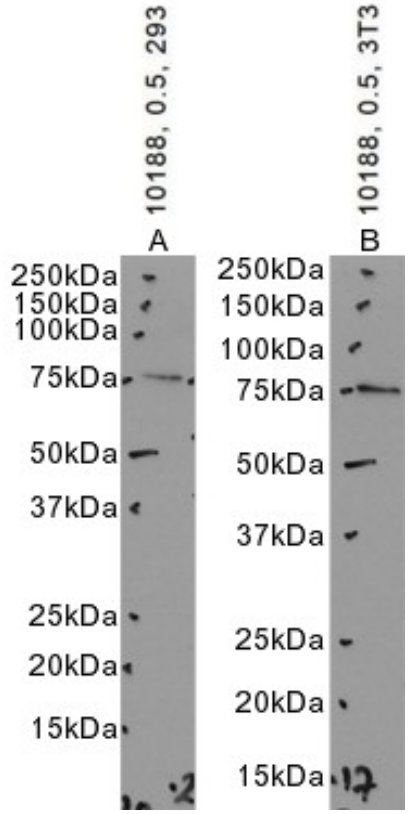
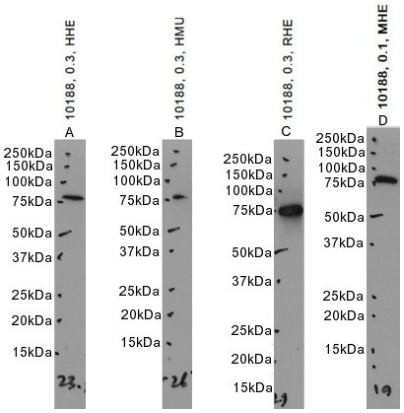
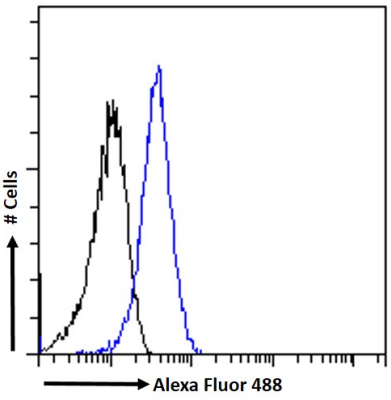
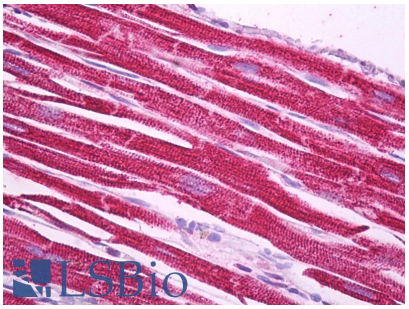
Application Type Pep-ELISA, WB, IHC, IF, FC

DOCUMENTS

- Data Sheet

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