

Product Datasheet

Human Heart Whole Tissue Lysate (Adult Whole Normal) NB820-59217

Unit Size: 1 mg

Store at -80C. Avoid freeze-thaw cycles.

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NB820-59217

Human Heart Whole Tissue Lysate (Adult Whole Normal)

Product Information	
Unit Size	1 mg
Concentration	5.0 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	HEPES (pH 7.9), MgCl ₂ , KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors.

Product Description	
Species	Human
Specificity/Sensitivity	Total Protein - Human Adult Normal Tissue: Heart
Lysate Type	Tissue
Lysate Tissue	Heart
Lysate Tissue Condition	Normal
Lysate Life Stage	Adult
Lysate Protein State	Native
Lysate Subcellular Fraction	Whole

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	Western Blot, Immunoprecipitation, Electrophoresis, Enzymatic activity analysis, Protein-protein interaction, Tissue specific expression

Publications

Han Y, Thomas CT, Wennersten SA et al. Shotgun Proteomics Sample Processing Automated by an Open-Source Lab Robot Journal of Visualized Experiments 2021-11-15 [PMID: 34779440] (HPLC)

Dube Dk, Dube S, Abbott L Et Al. Sarcomeric TPM3 expression in human heart and skeletal muscle Cytoskeleton (Hoboken) 2020-08-05 [PMID: 32761805]

Lau E, Han Y, Williams DR, et al. Splice-Junction-Based Mapping of Alternative Isoforms in the Human Proteome Cell Rep 2019-12-10 [PMID: 31825849] (MS, Human)

Duka T, Collins Z, Anderson SM et al. Divergent lactate dehydrogenase isoenzyme profile in cellular compartments of primate forebrain structures Molecular and Cellular Neuroscience 2017-07-01 [PMID: 28461219] (Monkey)

Dube S, Yalamanchili S, Lachant J et al. Expression of Tropomyosin 2 Gene Isoforms in Human Cardiac Tissue. Oncol Rep 2016-04-26 [PMID: 27108600]

Duka T, Anderson SM, Collins Z et al. Synaptosomal Lactate Dehydrogenase Isoenzyme Composition Is Shifted toward Aerobic Forms in Primate Brain Evolution. Brain Behav. Evol. 2014-04-07 [PMID: 24686273]

Peterfi Z, Toth ZE, Kovacs HA et al. Peroxidasin-like protein: a novel peroxidase homologue in the human heart. Cardiovasc. Res. 2014-03-01 [PMID: 24253521] (WB)





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Products Related to NB820-59217

NBP2-46893	Heart Tissue Slides (Adult Normal)- Paraffin
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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