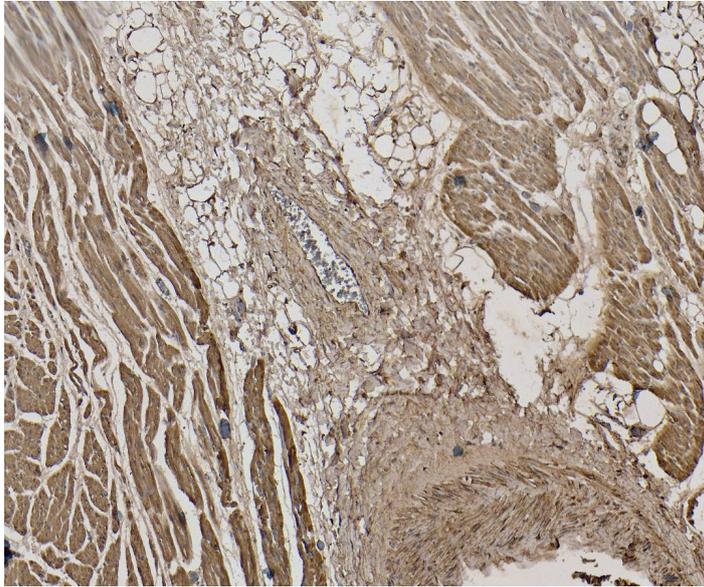




GOAT ANTI-CSX1 / NKX2-5 ANTIBODY

SKU: EB09412



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	tinman paralog cardiac-specific homeo box NK2 transcription factor related, locus 5 NK2 transcription factor homolog E NKX4-1 NKX2E NKX2.5 CSX1 CSX CHNG5 NK2 transcription factor related, locus 5
Names	(Drosophila) NKX2-5
Accession ID	NP_004378.1; NP_001159647.1; NP_001159648.1
Blocking Peptide	EBP09412
Immunogen	Peptide with sequence C-PRAYSDPDPKDPDR, from the internal region of the protein sequence according to NP_004378.1; NP_001159647.1; NP_001159648.1.
Product Comments	This antibody is expected to recognize all three reported isoforms (NP_004378.1; NP_001159647.1; NP_001159648.1).
Peptide Sequence	C-PRAYSDPDPKDPDR



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, Dog
Reactive Species	Human, Mouse
Human Gene ID	1482
Mouse Gene ID	18091
Rat Gene ID	114109
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Heart. Recommended concentration: 5-6µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx. 38kDa band observed in Mouse Heart lysates (calculated MW of 34.2kDa according to NP_032726.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 31781239, "intro": "**This antibody has been successfully used in Western blot on Rat:**", "title": "Complementary Embryonic and Adult Cell Populations Enhance Myocardial Repair in Rat Myocardial Injury Model", "author": "Sergio Li Calzi, Todd Cook, Domenico G. Della Rocca, Juan Zhang, Vinayak Shenoy, Yuanqing Yan, Andrew Espejo, Anandharajan Rathinasabapathy, Max H. Jacobsen, Tatiana Salazar, George E. Sandusky, Lynn C. Shaw, Keith March, Mohan K. Raizada, Carl J. Pepine, Michael J. Katovich, and Maria B. Grant", "journal": "Stem Cells International Volume 2019, Article ID 3945850, 11 pages", "url": "https://doi.org/10.1155/2019/3945850 (2019)"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

