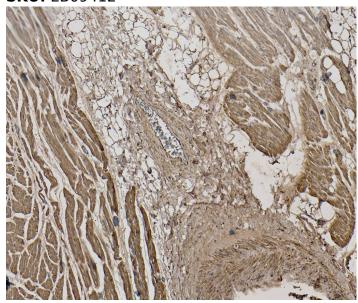


Telephone: (650) 697-3600

GOAT ANTI-CSX1 / NKX2-5 ANTIBODY

SKU: EB09412

e erest



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 μα

Storage

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym / 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 **Alias**

Names (Drosophila)|NKX2-5

Accession

NP_004378.1; NP_001159647.1; NP_001159648.1

Blocking Peptide

ID

EBP09412

Peptide with sequence C-PRAYSDPDPAKDPR, from the internal region of the protein sequence according to **Immunogen**

NP_004378.1; NP_001159647.1; NP_001159648.1.

Product This antibody is expected to recognize all three reported isoforms (NP_004378.1; NP_001159647.1;

Comments NP_001159648.1).

Peptide

C-PRAYSDPDPAKDPR **Sequence**









Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping Refrigerated

Instructions

Predicted Species

Human, Mouse, Rat, Cow, Dog

Reactive **Species**

Human, Mouse

Human

1482 Gene ID

Mouse

18091 Gene ID

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

Antibody detection limit dilution 1:32000. Detection

Limit

Western 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. Blot

Application

Pep-ELISA, WB, IHC **Type**

SELECTED REFERENCES

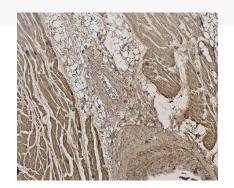
[{"pmid": 31781239, "intro": "This antibody has been successfully used in Western blot on Rat:", "title": "Complementary Embryonic and Adult Cell Populations Enhance Myocardial Repair in Rat Myocardial Injury Model", "author": "Sergio Li Calzi, Todd Cook, Domenico G. Della Rocca, Juan Zhang, Vinayak 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 https://doi.org/10.1155/2019/3945850 (2019)"}]

GALLERY IMAGES

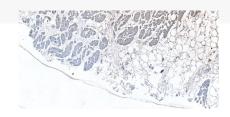








250kDa 150kDa 100kDa



75kDa

50kDa

37kDa

25kDa

20kDa

15kDa