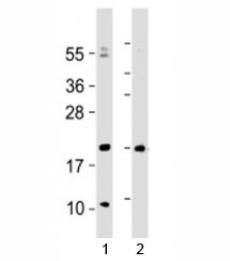
Hopx Antibody (F53366)

Catalog No.	Formulation	Size
F53366-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53366-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8R1H0
Applications	Western blot: 1:2000
Limitations	This Hopx antibody is available for research use only.



Western blot testing of Hopx antibody at 1:2000 with 1) human heart lysate and 2) mouse heart lysate

Description

Atypical homeodomain protein which does not bind DNA and is required to modulate cardiac growth and development. Acts via its interaction with SRF, thereby modulating the expression of SRF-dependent cardiac-specific genes and cardiac development. Prevents SRF-dependent transcription either by inhibiting SRF binding to DNA or by recruiting histone deacetylase (HDAC) proteins that prevent transcription by SRF. Overexpression causes cardiac hypertrophy.

Application Notes

Titration of the Hopx antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This mouse Hopx antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 22-54 amino acids from the Central region of mouse Hopx.

Storage

Aliquot the Hopx antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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