

Summary

Production Name	HOPX Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	HOPX
Alternative Names	Hod; Hop; Ob1; Obl; Hdop; Toto; Cameo; AI848177; AW490897; 1110018K11Rik; 1200015P04Rik; 2300002F06Rik
Gene ID	74318.0
SwissProt ID	Q8R1H0. Recombinant protein of mouse HOPX

Application

Dilution Ratio	WB:1:500-1:1000, IP:1:10-1:20
Molecular Weight	Calculated MW: 8 kDa; Observed MW: 12 kDa

Background

Atypical homeodomain protein which does not bind DNA and is required to modulate cardiac growth and development.

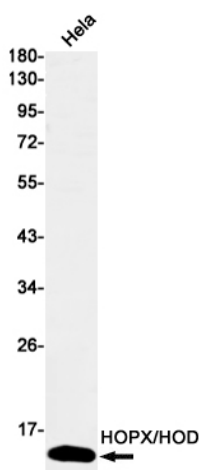
Product Name: HOPX Rabbit Monoclonal Antibody
Catalog #: AMRe85669



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 (PubMed:12297045, PubMed:12297046). Acts as a co-chaperone for HSPA1A and HSPA1B chaperone proteins and assists in chaperone-mediated protein refolding .

Research Area

Image Data



Western blot analysis of HOPX/HOD in HeLa lysates using HOPX antibody.

Note

For research use only.