

HOPX Rabbit mAb

Catalog No: #52344

Package Size: #52344-1 50ul #52344-2 100ul

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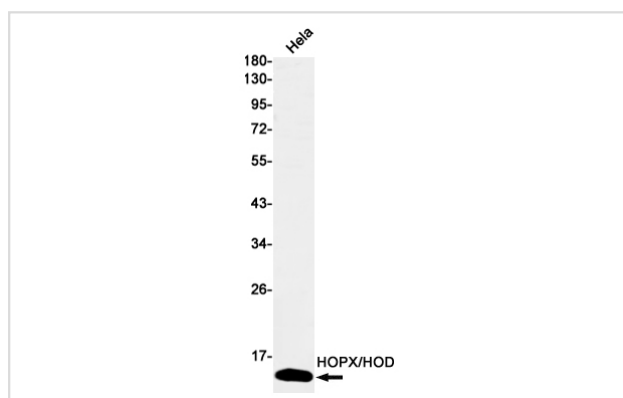
Description

Product Name	HOPX Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-4F8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant protein of mouse HOPX
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Hod; Hop; Ob1; Obl; Hdop; Toto; Cameo; A1848177; AW490897; 1110018K11Rik; 1200015P04Rik; 2300002F06Rik
Accession No.	Swiss-Prot:Q8R1H0GeneID:74318
Calculated MW	Calculated MW: 8 kDa; Observed MW: 12 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of HOPX/HOD in HeLa cell lysates using HOPX/HOD Rabbit mAb(1:1000 diluted). Predicted band size: 8kDa. Observed band size: 12kDa.

Background

Swiss-Prot Acc.Q8R1H0. 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 (PubMed:12297045, PubMed:12297046). Acts as a co-chaperone for HSPA1A and HSPA1B chaperone proteins and assists in chaperone-mediated protein refolding .

Note: This product is for in vitro research use only and is not intended for use in humans or animals.