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Datasheet for ABIN3031254 anti-HOPX antibody (AA 22-54)

2 Images



Overview

Quantity:	0.4 mL
Target:	HOPX
Binding Specificity:	AA 22-54
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

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.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

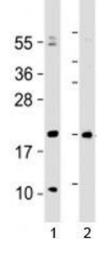
Target Details

Target:	НОРХ
Alternative Name:	Hopx (HOPX Products)
Background:	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

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Target Details	
	transcription either by inhibiting SRF binding to DNA or by recruiting histone deacetylase
	(HDAC) proteins that prevent transcription by SRF. Overexpression causes cardiac hypertrophy.
UniProt:	Q8R1H0
Pathways:	Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	Titration of the Hopx antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Hopx antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

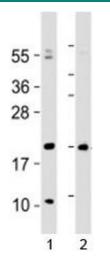
Images



Western Blotting

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

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Western Blotting

Image 2. Western blot testing of Hopx antibody at 1:2000

with 1) human heart lysate and 2) mouse heart lysate

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