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Datasheet for ABIN7155876  
**anti-HOPX antibody (AA 1-73) (HRP)**

### Overview

Quantity:	100 µg
Target:	HOPX
Binding Specificity:	AA 1-73
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Homeodomain-only protein (1-73AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	HOPX
Alternative Name:	HOPX ( <a href="#">HOPX Products</a> )
Background:	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

## Target Details

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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 (By similarity). May act as a tumor suppressor.

Aliases: CAMEO antibody, heart odd homeobox 1 protein antibody, HOD antibody, Homeodomain-only protein antibody, HOP antibody, HOP homeobox antibody, HOP\_HUMAN antibody, HOPX antibody, LAGY antibody, Lung cancer-associated Y protein antibody, NECC1 antibody, Not expressed in choriocarcinoma clone 1 antibody, Not expressed in choriocarcinoma protein 1 antibody, OB1 antibody, odd homeobox 1 protein antibody, Odd homeobox protein 1 antibody, OTTHUMP00000158970 antibody, SMAP31 antibody, TOTO antibody

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UniProt: [Q9BPY8](#)

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Pathways: [Regulation of Muscle Cell Differentiation](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.