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anti-HOPX antibody (AA 1-73)





Overview

Quantity:	100 μg
Target:	HOPX
Binding Specificity:	AA 1-73
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

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 (HOPX Products)
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

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, HOP_HUMAN antibody, 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

UniProt:

09BPY8

Pathways:

Regulation of Muscle Cell Differentiation

Application Details

Application Notes:

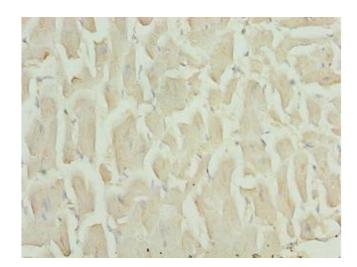
Recommended dilution: IHC:1:20-1:200,

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7155873 at dilution of 1:100