

Datasheet for ABIN7155874

anti-HOPX antibody (AA 1-73) (Biotin)[Go to Product page](#)

Overview

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

Target Details

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

UniProt: [Q9BPY8](#)

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

Application Details

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

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.