

Datasheet for ABIN5699466 **anti-HOPX antibody**



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Overview

Quantity:	100 µg
Target:	HOPX
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	HOP homeobox
Isotype:	IgG

Target Details

Target:	HOPX
Alternative Name:	HOPX (HOPX Products)
Background:	Synonyms:HOD, HOP, LAGY, NECC1, OB1 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

Target Details

	suppressor.
Molecular Weight:	8-12 kDa
Gene ID:	84525
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

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months