

Datasheet for ABIN7115108 **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, Immunofluorescence (IF)

Product Details

Immunogen:	HOP homeobox
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

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

Target Details

	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.
Molecular Weight:	8-12kd
Gene ID:	84525
UniProt:	Q9BPY8
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months