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Datasheet for ABIN655402
anti-HOPX antibody (C-Term)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	HOPX
Binding Specificity:	AA 39-67, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This HOPX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-67 amino acids from the C-terminal region of human HOPX.
Clone:	RB18900
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOPX
Alternative Name:	HOPX (HOPX Products)
Background:	The protein encoded by this gene is a homeodomain protein that lacks certain conserved

Target Details

residues required for DNA binding. It was reported that choriocarcinoma cell lines and tissues failed to express this gene, which suggested the possible involvement of this gene in malignant conversion of placental trophoblasts. Studies in mice suggest that this protein may interact with serum response factor (SRF) and modulate SRF-dependent cardiac-specific gene expression and cardiac development. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq].

Gene ID: 84525

NCBI Accession: [NP_001138931](#), [NP_001138932](#), [NP_115884](#), [NP_631957](#), [NP_631958](#)

UniProt: [Q9BPY8](#)

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

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

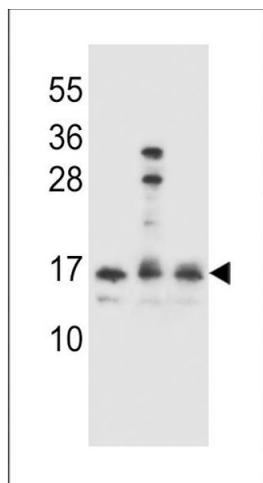
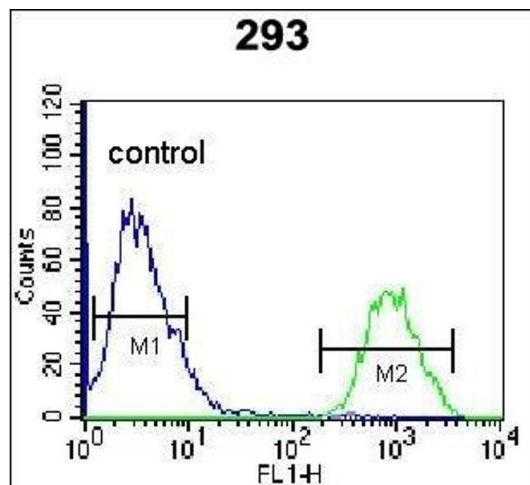
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Yao, Li, Liang, Lu, Zhu, Liu, Zhang, Yuan, Wang: "Methylprednisolone suppresses the Wnt signaling pathway in chronic lymphocytic leukemia cell line MEC-1 regulated by LEF-1 expression." in: **International journal of clinical and experimental pathology**, Vol. 8, Issue 7, pp. 7921-8, (2015) ([PubMed](#)).



Flow Cytometry

Image 1. HOPX Antibody (C-term) (ABIN655402 and ABIN2844948) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. HOPX Antibody (C-term) (ABIN655402 and ABIN2844948) western blot analysis in Ramos, 293 cell line lysates (35 µg/lane). This demonstrates the HOPX antibody detected the HOPX protein (arrow).