

Datasheet for ABIN3031253
anti-HOPX antibody (AA 39-67)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	HOPX
Binding Specificity:	AA 39-67
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOPX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 39-67 from the human protein was used as the immunogen for this HOPX antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

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

Target Details

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].

UniProt: [Q9BPY8](#)

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

Application Details

Application Notes: Titration of the HOPX antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

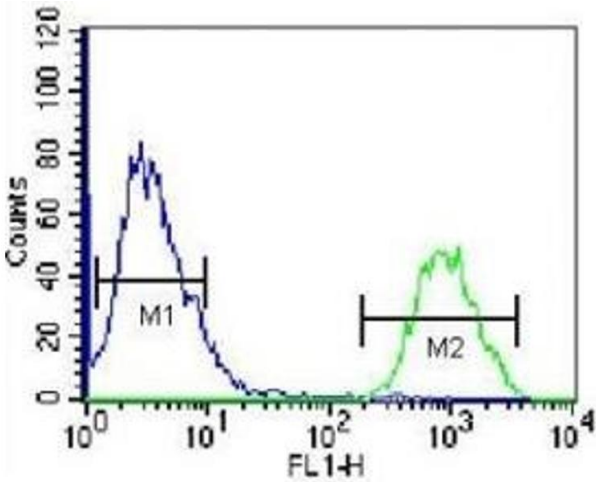
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

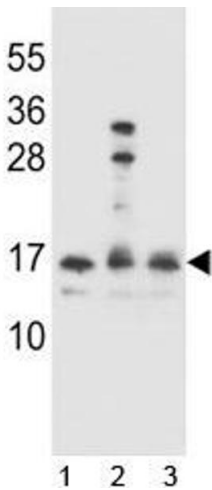
Storage: -20 °C

Storage Comment: Aliquot the HOPX antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



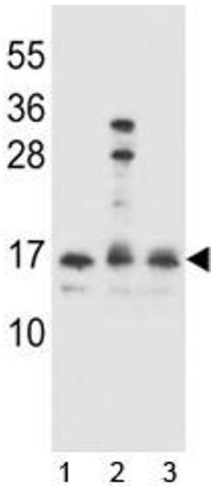
Flow Cytometry

Image 1. HOPX antibody flow cytometric analysis of 293 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. HOPX antibody western blot analysis in 1) Ramos, 2) A2058 and 3) 293 lysate.



Western Blotting

Image 3. HOPX antibody western blot analysis in 1) Ramos, 2) A2058 and 3) 293 lysate.