

Rabbit anti-Human HOPX Polyclonal Antibody | anti-HOPX antibody

HOPX Antibody (C-term)

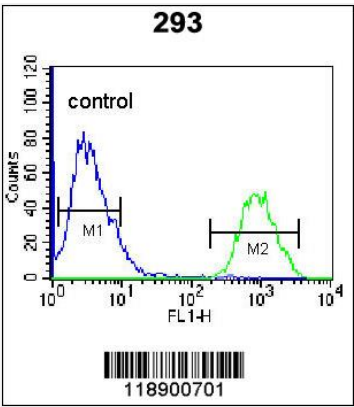
CATALOG # AAA288478	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

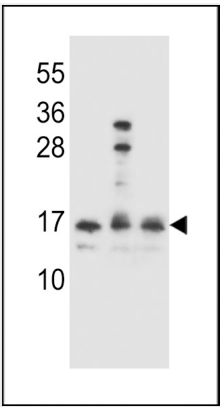
HOPX; Polyclonal Antibody; HOPX Antibody (C-term); Homeodomain-only protein; Lung cancer-associated Y protein; Not expressed in choriocarcinoma protein 1; Odd homeobox protein 1; HOD; HOP; LAGY; NECC1; OB1; anti-HOPX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	39-67
Sequence Length	112
Applicable Applications for anti-HOPX antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HOPX Antibody (C-term) 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.



WB (Western Blot)
HOPX Antibody (C-term) western blot analysis in Ramos, A2058, 293 cell line lysates (35ug/lane). This demonstrates the HOPX antibody detected the HOPX protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HOPX antibody	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 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].
Product Categories/Family for anti-HOPX antibody	Cardiovascular
References	Yang, J.M., et al. Eur. J. Cell Biol. 89(7):537-546(2010) Ooki, A., et al. Oncogene 29(22):3263-3275(2010) Yamaguchi, S., et al. Int. J. Cancer 124(11):2577-2588(2009) Yamashita, K., et al. Mol. Cancer Res. 6(1):31-41(2008) De Toni, A., et al. Neural Dev 3, 13 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	224451023
NCBI GeneID	84525
NCBI Accession #	NP_001138931.1; NP_001138932.1; NP_115884.4; NP_631957.1; NP_631958.1
NCBI GenBank Nucleotide #	NM_001145459.1
UniProt Accession #	Q9BPY8; Q8N0V6; Q96CI1; A8K0Z2; E9PB55; G3V294
Molecular Weight	8260
NCBI Official Full Name	homeodomain-only protein isoform b
NCBI Official Synonym Full Names	HOP homeobox
NCBI Official Symbol	HOPX
NCBI Official Synonym Symbols	HOD; HOP; OB1; LAGY; TOTO; CAMEO; NECC1; SMAP31

NCBI Protein Information	homeodomain-only protein
UniProt Protein Name	Homeodomain-only protein
UniProt Gene Name	HOPX
UniProt Synonym Gene Names	HOD; HOP; LAGY; NECC1; OB1
UniProt Entry Name	HOP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hopx-antibody-flow-cytometry-western-blot-elisa/288478>