

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

Anti-HOPX / HOP Antibody (aa39-67) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162181	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

HOPX / HOP; Polyclonal Antibody; Anti-HOPX / HOP Antibody (aa39-67) IHC-plus; Rabbit Polyclonal to Human HOPX / HOP; Human HOPX / HOP; CAMEO; HOD; Homeodomain-only protein; HOP homeobox; LAGY; NECC1; Odd homeobox protein 1; OB1; TOTO; Odd homeobox 1 protein; SMAP31; anti-HOPX / HOP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human HOPX / HOP
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	73
Applicable Applications for anti-HOPX / HOP antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	HOPX / HOP antibody was raised against kLH-conjugated synthetic peptide from C-terminal region of human HOPX.
Immunogen Description	KLH-conjugated synthetic peptide from C-terminal region of human HOPX.
Immunogen Type	Synthetic peptide
Antigen Modification	aa39-67
Target Species	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.

IMAGES



FCM/FACS (Flow Cytometry)

HOPX Antibody flow cytometry 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 western blot of Ramos,A2058,293 cell line lysates (35 ug/lane). The HOPX antibody detected the HOPX protein (arrow).



IHC (Immunohistochemistry)

Anti-HOPX / HOP antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-HOPX / HOP antibody	HOPX Antibody, CAMEO Antibody, HOD Antibody, Homeodomain-only protein Antibody, HOP Antibody, HOP homeobox Antibody, LAGY Antibody, NECC1 Antibody, Odd homeobox protein 1 Antibody, OB1 Antibody, TOTO Antibody, Odd homeobox 1 protein Antibody, SMAP31 Antibody Description: 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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60392394
NCBI GeneID	84525
UniProt Accession #	Q9BPY8; Q8N0V6; Q96CI1; A8K0Z2; E9PB55; G3V294
Molecular Weight	12,625 Da
NCBI Official Full Name	Homeodomain-only protein
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://stage.aaabiotech.com/polyclonal/hopx-hop-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/162181>