

HOPX rabbit monoclonal antibody

Catalog # H00084525-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HOPX peptide using ARM Technology.
Immunogen	A synthetic peptide of human HOPX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HOPX peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HOPX

Entrez GeneID [84525](#)

GeneBank Accession# [HOPX](#)

Gene Name HOPX

Gene Alias Cameo, HOP, LAGY, MGC20820, NECC1, OB1, SMAP31, Toto

Gene Description HOP homeobox

Omim ID [607275](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations

OTTHUMP00000158970|heart odd homeobox 1 protein|homeodomain-only protein|lung cancer-associated Y protein|not expressed in choriocarcinoma clone 1