

KLF12 rabbit monoclonal antibody

Catalog # H00011278-K

Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human KLF12 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human KLF12 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 KLF12 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 — KLF12

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| Entrez GeneID | 11278 |
| GeneBank Accession# | KLF12 |
| Gene Name | KLF12 |
| Gene Alias | AP-2rep, AP2REP, HSPC122 |
| Gene Description | Kruppel-like factor 12 |
| Omim ID | 607531 |
| Gene Ontology | Hyperlink |
| Gene Summary | Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq] |
| Other Designations | AP-2 repressor AP-2rep transcription factor KLF12 zinc finger transcriptional repressor OTTHUMP00000018503 OTTHUMP00000040826 |

Disease

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