

MAPK8IP2 rabbit monoclonal antibody

Catalog # H00023542-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human MAPK8IP2 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human MAPK8IP2 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 MAPK8IP2 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 — MAPK8IP2

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| Entrez GeneID | 23542 |
| GeneBank Accession# | MAPK8IP2 |
| Gene Name | MAPK8IP2 |
| Gene Alias | IB2, JIP2, PRKM8IPL |
| Gene Description | mitogen-activated protein kinase 8 interacting protein 2 |
| Omim ID | 607755 |
| Gene Ontology | Hyperlink |
| Gene Summary | The protein encoded by this gene is closely related to MAPK8IP1/IB1/JIP-1, a scaffold protein that is involved in the c-Jun amino-terminal kinase signaling pathway. This protein is expressed in brain and pancreatic cells. It has been shown to interact with, and regulate the activity of MAPK8/JNK1, and MAP2K7/MKK7 kinases. This protein thus is thought to function as a regulator of signal transduction by protein kinase cascade in brain and pancreatic beta-cells. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene. [provided by RefSeq] |
| Other Designations | JNK MAP kinase scaffold protein JIP2 JNK-interacting protein 2 PRKM8 interacting protein-like homologous to mouse JIP-1 islet-brain 2 |

Pathway

- [MAPK signaling pathway](#)