

ING1 rabbit monoclonal antibody

Catalog # H00003621-K Size 100 ug x up to 3

Specification

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|--------------------------------|--|
| Product Description | Rabbit monoclonal antibody raised against a human ING1 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human ING1 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 ING1 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 — ING1

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|---------------------|---|
| Entrez GeneID | 3621 |
| GeneBank Accession# | ING1 |
| Gene Name | ING1 |
| Gene Alias | p24ING1c, p33, p33ING1, p33ING1b, p47, p47ING1a |
| Gene Description | inhibitor of growth family, member 1 |
| Omim ID | 275355 601566 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq] |
| Other Designations | OTTHUMP00000018703 OTTHUMP00000018704 OTTHUMP00000018705 OTTHUMP00000018706 growth inhibitor ING1 growth inhibitory protein ING1 inhibitor of growth 1 tumor suppressor ING1 |

Disease

- [Alzheimer disease](#)
- [Colorectal Neoplasms](#)