

AMBN rabbit monoclonal antibody

Catalog # H00000258-K Size 100 ug x up to 3

Specification

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

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| Entrez GeneID | 258 |
| GeneBank Accession# | AMBN |
| Gene Name | AMBN |
| Gene Alias | - |
| Gene Description | ameloblastin (enamel matrix protein) |
| Omim ID | 601259 |
| Gene Ontology | Hyperlink |
| Gene Summary | Ameloblastin is thought to represent an unique ameloblast-specific gene product that may be important in enamel matrix formation and mineralization. The gene is located on chromosome 4 near other genes associated with mineralized tissues: osteopontin, bone sialoprotein, and bone morphogenetic protein 3. Based on its cytogenetic location, this gene is a candidate gene for one form of the disorder, dentinogenesis imperfecta, and/or the disorder, autosomal dominant amylogenesis imperfecta. [provided by RefSeq] |
| Other Designations | ameloblastin |

Disease

- [Dental Caries](#)