DNAxPAb | Hard-to-Find Antibody

# CMAS DNAxPab

Catalog # H00055907-W01P Size 200 ug

## Specification

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|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against a full-length human CMAS DNA using DNAx™ Immune tec hnology. |
| **Technology** | DNAx™ Immune |
| **Immunogen** | Full-length human DNA |
| **Sequence** | MDSVEKGAATSVSNPRGRPSRGRPPKLQRNSRGGQGRGVEKPPHLAALILARGGSKGIPLKNIK HLAGVPLIGWVLRAALDSGAFQSVWVSTDHDEIENVAKQFGAQVHRRSSEVSKDSSTSLDAIIEF LNYHNEVDIVGNIQATSPCLHPTDLQKVAEMIREEGYDSVFSVVRRHQFRWSEIQKGVREVTEPLN LNPAKRPRRQDWDGELYENGSFYFAKRHLIEMGYLQGGKMAYYEMRAEHSVDIDVDIDWPIAEQR VLR |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Quality Control Testing** | Antibody reactive against mammalian transfected lysate. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CMAS

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|---|---|
| **Entrez GeneID** | 55907 |
| **GeneBank Accession#** | BC016609.1 |
| **Protein Accession#** | AAH16609.1 |
| **Gene Name** | CMAS |
| **Gene Alias** | - |
| **Gene Description** | cytidine monophosphate N-acetylneuraminic acid synthetase |
| **Omim ID** | 603316 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The enzyme encoded by this gene catalyzes the activation of Neu5Ac to Cytidine 5-prime-monophosphate N-acetylneuraminic acid (CMP-Neu5Ac), which provides the substrate required for the addition of sialic acid. Sialic acids of cell surface glycoproteins and glycolipids play a pivotal role in the structure and function of animal tissues. The pattern of cell surface sialylation is highly regulated during embryonic development, and changes with stages of differentiation. Studies of a similar murine protein suggest that this protein localizes to the nucleus. [provided by RefSeq |
| **Other Designations** | CMP-N-acetylneuraminic acid synthase\|CMP-Neu5Ac synthetase\|cytidine 5'-monophosphate N-acetylneuraminic acid synthetase |

## Pathway

- Amino sugar and nucleotide sugar metabolism
- Metabolic pathways