# CSNK2A2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | CSNK2A2, Polyclonal Antibody |
| **Full Product Name** | Rabbit Anti CSNK2A2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Immunofluorescence) |
| **Product Gene Name** | anti-CSNK2A2 antibody |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | It is a polyclonal antibody in a liquid format, buffered in PBS with 0.02% sodium azide, 50% glycerol, pH7.3 |
| **Purity/Purification** | Affinity Purified |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 41kDa |
| **3D Structure** | ModBase 3D Structure for P19784 |
| **Immunogen** | Recombinant fusion protein of human CSNK2A2 (NP_001887.1). |
| **Applications Tested/Suitable for anti-CSNK2A2 antibody** | Immunofluorescence (IF) |
| **Related Product Information for anti-CSNK2A2 antibody** | This gene encodes the alpha', or alpha 2, catalytic subunit of the protein kinase enzyme, casein kinase 2 (CK2). Casein kinase 2 is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. This heterotetrameric kinase includes two catalytic subunits, either alpha or alpha', and two regulatory beta subunits. The closely related gene paralog encoding the alpha, or alpha 1 subunit (CSNK2A1, Gene ID: 1457) is found on chromosome 20. An intronic variant in this gene (alpha 2) may be associated with leukocyte telomere length in a South Asian population. A related transcribed pseudogene is found on chromosome 11.<br><br>This product can be used in analytical tools such as Immunofluorescence. |
| **Other Notes** | Small volumes of anti-CSNK2A2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for CSNK2A2 purchase** | MBS8423534 is an antibody targeting CSNK2A2. Also known as Rabbit Anti CSNK2A2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Immunofluorescence). Reactive in Human, Mouse. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSNK2A2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 4503097 |
| **NCBI GeneID** | 1459 |
| **NCBI Accession #** | NP_001887.1 |
| **UniProt Primary Accession #** | P19784 |
| **UniProt Related Accession #** | P19784 |

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| **GenBank Nucleotide #** | NM_001896.2 |
| **NCBI Official Full Name** | casein kinase II subunit alpha' |
| **NCBI Official Synonym Full Names** | casein kinase 2 alpha 2 |
| **NCBI Official Symbol** | CSNK2A2 |
| **NCBI Official Synonym Symbols** | CK2A2; CSNK2A1; CK2alpha' |
| **Protein Family** | Casein kinase |
| **NCBI Protein Information** | casein kinase II subunit alpha' |
| **Research Articles on CSNK2A2** | **1.** results suggest that CK2alpha might play an oncogenic role in hepatocellular carcinoma |
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