Datasheet for ABIN891482

# anti-CNGA2 antibody (AA 155-250) (Alexa Fluor 350)

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | CNGA2 |
| Binding Specificity: | AA 155-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CNGA2 antibody is conjugated to Alexa Fluor 350 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human CNGA2 |
| Isotype: | IgG |
| Specificity: | This antibody may have a secondary reaction to Dapk1 due to a 61 % contiguous sequence in the immunogen region. |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | CNGA2 |

 

## Target Details

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|---|---|
| Alternative Name: | Cnga2 (CNGA2 Products) |
| Background: | Synonyms: CNCA, CNG2, CNCA1, OCNC1, OCNCa, OCNCALPHA, Cyclic nucleotide-gated olfactory channel, Cyclic nucleotide-gated cation channel 2, Cyclic nucleotide-gated channel alpha-2, CNG channel alpha-2, CNG-2, CNGA2, CNCG2<br>Background: Odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons. |
| Gene ID: | 1260 |
| UniProt: | Q16280 |

## Application Details

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|---|---|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |