

[Go to Product page](#)

Datasheet for ABIN5003719

anti-GNG2 antibody (AA 2-50) (Alexa Fluor 680)

Overview

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| Quantity: | 100 µL |
| Target: | GNG2 |
| Binding Specificity: | AA 2-50 |
| Reactivity: | Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GNG2 antibody is conjugated to Alexa Fluor 680 |
| 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 GNG2 |
| Isotype: | IgG |
| Cross-Reactivity: | Zebrafish (Danio rerio) |
| Predicted Reactivity: | Human,Mouse,Rat,Cow,Chicken |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | GNG2 |
| Alternative Name: | GNG2 (GNG2 Products) |

Target Details

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|-------------|---|
| Background: | Synonyms: G gamma I, GBG2_HUMAN, GNG 2, Guanine nucleotide binding protein gamma 2. Background: GNG2 (Guanine nucleotide binding protein (G protein), gamma 2) is a member of the guanine nucleotide-binding proteins (G proteins) family. Heterotrimeric G proteins are involved as a modulator or transducer in various transmembrane signaling systems. The specificity of a G protein-receptor interaction is primarily mediated by the gamma subunit. |
| Gene ID: | 54331 |
| Pathways: | Myometrial Relaxation and Contraction , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 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 |