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# GNB2 Antibody

Rabbit mAb
Catalog # AP92162

## Product Information

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|---|---|
| **Application** | WB, IHC, IF, FC, ICC, IP, IHF |
| **Primary Accession** | P62879 |
| **Reactivity** | Rat, Human, Mouse |
| **Clonality** | Monoclonal |
| **Other Names** | Gnb2; Gnb2l1; RACK1; Transducin beta chain 2; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 37331 |

## Additional Information

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|---|---|
| **Dilution** | WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human GNB2 |
| **Description** | Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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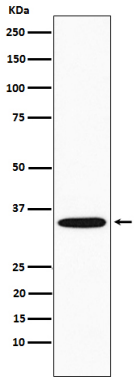
|---|---|
| **Name** | GNB2 |
| **Function** | Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. |
| **Cellular Location** | Cytoplasm, perinuclear region. Cell membrane |
| **Tissue Location** | Expressed in all cardiac subcompartments and in the brain, with highest levels in the atrioventricular node and brain |

## Images

Western blot analysis of GNB2 expression in Jurkat cell

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