



# NAC2 Monoclonal Antibody

|                                  |  |
|----------------------------------|--|
| <b>Catalog No</b>                | YP-mAb-06204   |
| <b>Isotype</b>                   | IgG  |
| <b>Reactivity</b>                | Human;Rat  |
| <b>Applications</b>              | WB   |
| <b>Gene Name</b>                 | SLC8A2 KIAA1087 NCX2   |
| <b>Protein Name</b>              | Sodium/calcium exchanger 2 (Na <sup>+</sup> )/Ca <sup>2+</sup> -exchange protein 2)  |
| <b>Immunogen</b>                 | Synthesized peptide derived from human protein . at AA range: 380-460  |
| <b>Specificity</b>               | NAC2 Monoclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Source</b>                    | Monoclonal, Mouse,IgG  |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>                  | WB 1:500-1:2000  |
| <b>Concentration</b>             | 1 mg/ml  |
| <b>Purity</b>                    | ≥90%   |
| <b>Storage Stability</b>         | -20°C/1 year   |
| <b>Synonyms</b>                  |  |
| <b>Observed Band</b>             | 101kD  |
| <b>Cell Pathway</b>              | Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein . Perikaryon . Cell projection, dendrite . Cell projection, dendritic spine .  |
| <b>Tissue Specificity</b>        | Amygdala,Brain,  |
| <b>Function</b>                  | enzyme regulation:By ATP.,function:Rapidly transports Ca <sup>2+</sup> during excitation-contraction coupling. Ca <sup>2+</sup> is extruded from the cell during relaxation so as to prevent overloading of intracellular stores.,similarity:Belongs to the sodium/potassium/calcium exchanger family. SLC8 subfamily.,similarity:Contains 2 Calx-beta domains., |
| <b>Background</b>                | enzyme regulation:By ATP.,function:Rapidly transports Ca <sup>2+</sup> during excitation-contraction coupling. Ca <sup>2+</sup> is extruded from the cell during relaxation so as to prevent overloading of intracellular stores.,similarity:Belongs to the sodium/potassium/calcium exchanger family. SLC8 subfamily.,similarity:Contains 2 Calx-beta domains., |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!   |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**