

**mGluR-2/3 (N867) polyclonal antibody**

Catalog: BS3430

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

The mGluR proteins (metabotropic Glutamate Receptors) are members of the G-protein-coupled receptor family and are functionally and pharmacologically distinct from the GluR proteins (ionotropic Glutamate Receptors). The eight currently known mGluR proteins are mediated by two G-proteins with opposing regulation of adenylate cyclase pathways. The activities of mGluR1 and mGluR5 are mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. The remainder of the eight sub-types of mGluR have an activity mediated by a G-protein that inhibits adenylate cyclase activity. mGluR-3, which may interact with GRASP, acts as a receptor for glutamate.

**Product:**

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

**Molecular Weight:**

~ 95 kDa

**Swiss-Prot:**

Q14416/Q14832

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

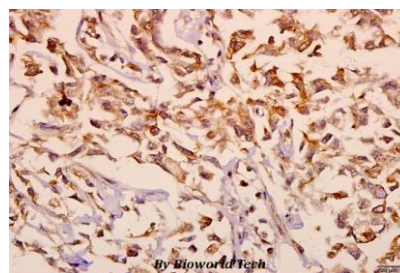
IHC: 1:50~1:200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

mGluR-2/3 (N867) polyclonal antibody detects endogenous levels of mGluR-2 and mGluR-3 protein

**DATA:**

Immunohistochemistry (IHC) analyzes of mGluR-2/3 (N867)pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

**Note:**

For research use only, not for use in diagnostic procedure.

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