



GRIN2 (K41) polyclonal antibody

Catalog: BS9148

Host: Rabbit

Reactivity: Human

BackGround:

GPCRs interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers, such as diacylglycerol, cyclic AMP, inositol phosphates and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling and are involved in many pathological conditions. GRIN2 (G protein-regulated inducer of neurite outgrowth 2), also known as GPRIN2, is a 458 amino acid protein that is expressed in cerebellum and is thought to play a role in neurite outgrowth. GRIN2 interacts with activated G α and G β , and is encoded by a gene that maps to human chromosome 10q11.22.

Product:

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

Molecular Weight:

~ 47 kDa

Swiss-Prot:

O60269

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

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:

GRIN2 (K41) polyclonal antibody detects endogenous levels of GRIN2 protein.

DATA:

Immunohistochemistry (IHC) analyzes of GRIN2 (K41) pAb in paraffin-embedded human brain tissue.

Note:

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

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