

Gα t2 (V34) polyclonal antibody

Catalog: BS3874

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

In mammals, G protein α , β and γ polypeptides are encoded by at least 16, 4 and 7 genes, respectively. Most interest in G proteins has been focused on their α subunits, since these proteins bind and hydrolyze GTP and most obviously regulate the activity of the best studied effectors. Four distinct classes of G α subunits have been identified; these include Gs, Gi, Gq and G α 12/13. The Gi class comprises all the known α subunits that are susceptible to pertussis toxin modifications, including G α i-1, G α i-2, G α i-3, G α o, G α t1, G α t2, G α z and G α gust. In the well characterized visual system, photorhodopsin catalyzes the exchange of guanine nucleotides bound to the visual transducin G α subunits (G α t1 in rod cells and G α t2 in cone cells).

Product:

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

Molecular Weight:

~ 40 kDa

Swiss-Prot:

P19087

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

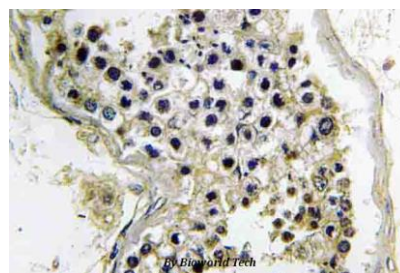
Storage&Stability:

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

Specificity:

G α t2 (V34) polyclonal antibody detects endogenous levels of G α t2 protein.

DATA:



Immunohistochemistry (IHC) analyzes of G α t2 (V34) pAb in paraffin-embedded human testis tissue.

Note:

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

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