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GNA11 Ab

Images(3)

Cat.#: DF7067 Concn.: ~1mg/ml Mol.Wt.: 42kDa Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat, Pig

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human GNA11, corresponding to a

region within the internal amino acids.

Uniprot: P29992

Description: Heterotrimeric guanine nucleotide-binding proteins (G proteins) consist of

?, ? and ? subunits and mediate the effects of hormones, neurotransmitters, chemokines and sensory stimuli. To date, over 20 known G? subunits have been classified into four families, G?(s), G?(i/o), G?(q) and G?, based on structural and functional similarities (1,2). Phosphorylation of Tyr356 of G?(q)/G? is essential for activation of the G protein, since phenylalanine substitution for Tyr356 changes the interaction of G? with receptors and

abolishes ligand-induced IP3 formation.



Western blot analysis of extracts from Mouse brain, using GNA11 Ab. Lane 1 was treated with the blocking peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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