Product **Datasheet**

Anti-GNA11 Rabbit pAb

WL00806

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GNA11 Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:500
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

Heterotrimeric guanine nucleotide-binding proteins (G proteins) consist of α, β and γ subunits and mediate the effects of hormones, neurotransmitters, chemokines and sensory stimuli. y. 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. Mutations in GNA11 gene have been associated with hypocalciuric hypercalcemia type II (HHC2) and hypocalcemia dominant 2 (HYPOC2). Patients with HHC2 and HYPOC2 exhibit decreased or increased sensitivity, respectively, to changes in extracellular calcium concentrations.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GNA11.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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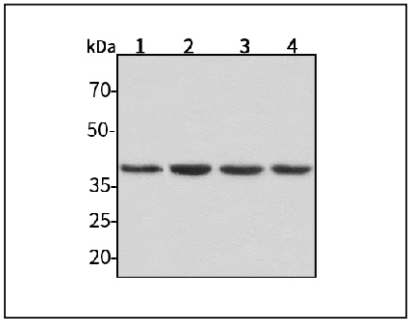
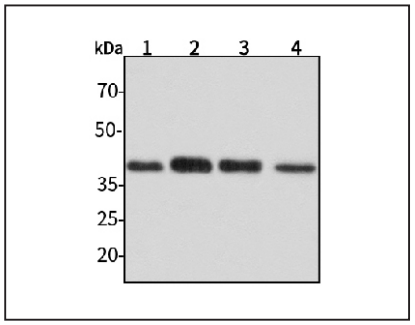
Product Images



Western blot-Anti-GNA11 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-GNA11 at 1:500 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 42 kDa
Observed band size: 42 kDa



Western blot-Anti-GNA11 pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat colon tissue lysate
Lane 4: Rat stomach tissue lysate
All lanes: Anti-GNA11 at 1:500 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 42 kDa
Observed band size: 42 kDa

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