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Anti-GNA14 Antibody

Catalog # AP61334

Product Information

Application	WB, IF/IC
Primary Accession	O95837
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41571

Additional Information

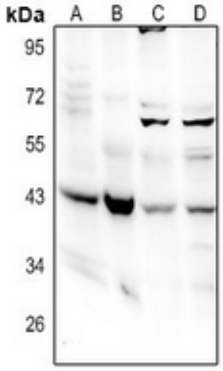
Gene ID	9630
Other Names	Guanine nucleotide-binding protein subunit alpha-14; G alpha-14; G-protein subunit alpha-14
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GNA14. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

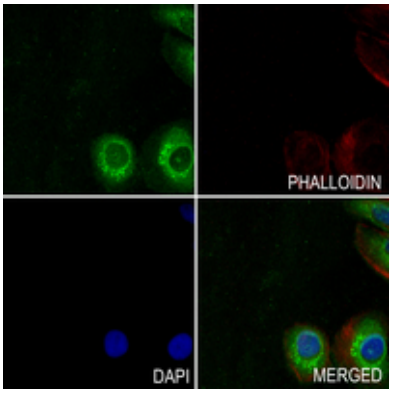
Protein Information

Name	GNA14
Function	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.

Images

Western blot analysis of GNA14 expression in mouse spleen (A), rat brain (B), SGC7901 (C), U87MG (D) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 kD)





Immunofluorescent analysis of GNA14 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.