

GNA14 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12752a

Product Information

Application	WB, IHC-P, E
Primary Accession	O95837
Other Accession	P30677 , P38408 , NP_004288.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32458
Calculated MW	41571
Antigen Region	4-33

Additional Information

Gene ID	9630
Other Names	Guanine nucleotide-binding protein subunit alpha-14, G alpha-14, G-protein subunit alpha-14, GNA14
Target/Specificity	This GNA14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-33 amino acids from the N-terminal region of human GNA14.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GNA14 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

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

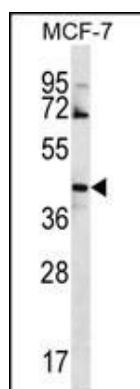
Background

This gene encodes a member of the guanine nucleotide-binding, or G protein family. G proteins are heterotrimers consisting of alpha, beta and gamma subunits. The encoded protein is a member of the alpha family of G proteins, more specifically the alpha q subfamily of G proteins. The encoded protein may play a role in pertussis-toxin resistant activation of phospholipase C-beta and its downstream effectors.

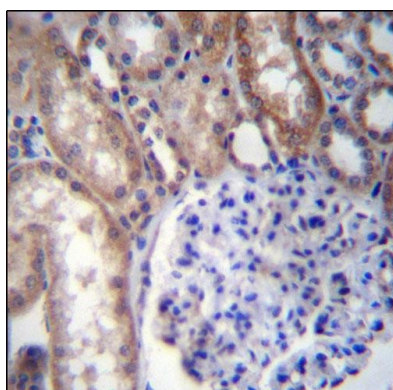
References

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Images



GNA14 Antibody (N-term) (Cat. #AP12752a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the GNA14 antibody detected the GNA14 protein (arrow).



GNA14 Antibody (N-term) (Cat. #AP12752a) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of GNA14 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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