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GNA14 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12752a

Specification

GNA14 Antibody (N-term) - 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**
Calculated MW	**41571**
Antigen Region	**4-33**

GNA14 Antibody (N-term) - 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~~1:10~50

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.

GNA14 Antibody (N-term) - Protein Information

Name GNA14

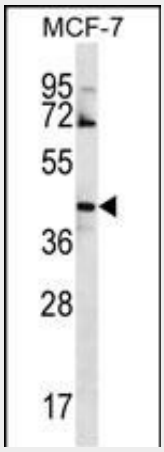
Function Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.

GNA14 Antibody (N-term) - Protocols

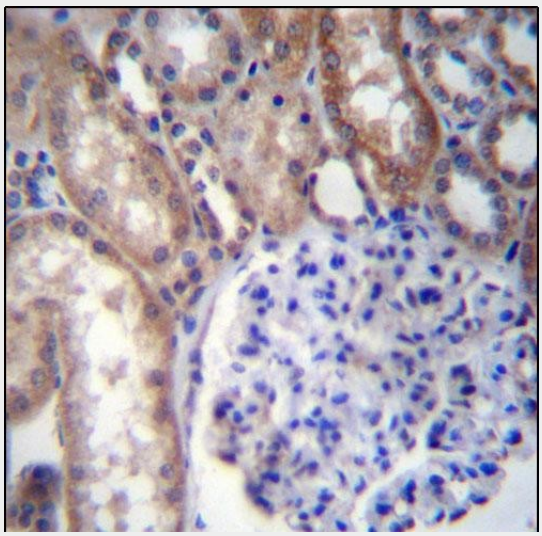
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GNA14 Antibody (N-term) - 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.

GNA14 Antibody (N-term) - 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.

GNA14 Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
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Lee, M.M., et al. J. Leukoc. Biol. 86(6):1319-1329(2009)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
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