

GNA14 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12752a

Specification

GNA14 Antibody (N-term) - Product Information

Application	IHC-P, WB,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

IHC-P~~1:10~50

WB~~1:1000

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.

GNA14 Antibody (N-term) - Protein Information

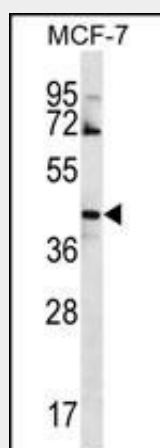
Name GNA14

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

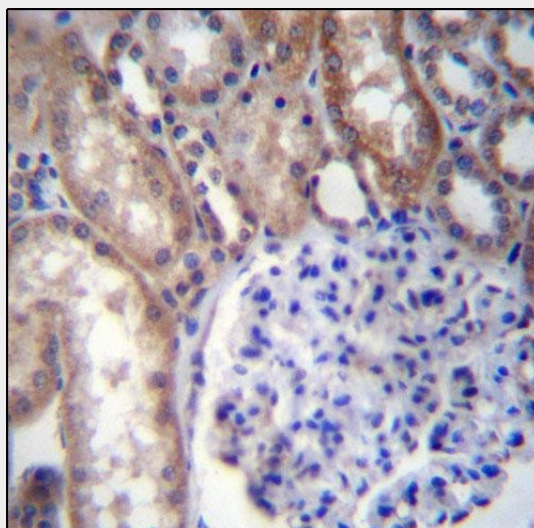
GNA14 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
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)
Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008)