

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins. Able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. Involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex. Also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.

Gene ID:

RIC8A

Uniprot

Q9NPQ8

Synonyms:

Synembryn-A (Protein Ric-8A), RIC8A

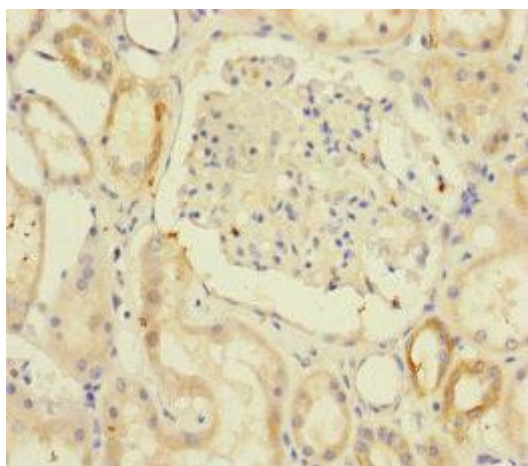
Immunogen:

Recombinant Human Synembryn-A protein (362-531AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO45621 at dilution of 1:100.