

For Research Use Only

C4orf14 Polyclonal antibody

Catalog Number: 20323-1-AP



Basic Information

Catalog Number:

20323-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14186

GenBank Accession Number:

BC004894

GeneID (NCBI):

84273

UNIPROT ID:

Q8NC60

Full Name:

chromosome 4 open reading frame 14

Calculated MW:

698 aa, 78 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

Nitric oxide associated-1 (NOA1), also known as C4orf14, is an evolutionarily conserved guanosine triphosphate (GTP) binding protein. It localizes predominantly to mitochondria in mammalian cells. Human NOA1 has been shown to interact with complex I of the electron transport chain and with three mitochondrial proteins, MRPL12, MRPS27, and MRPS29, indicating that NOA1 may interact with the mitochondrial ribosome. Recent studies suggest that C4orf14 interacts with human mitochondrial nucleoids, and is involved in the biogenesis of the small mitochondrial ribosomal subunit.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data