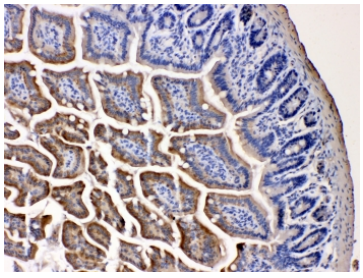
NARG1 Antibody / NAA15 (R32787)

Catalog No.	Formulation	Size
R32787	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q9BXJ9
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml
Limitations	This NARG1 antibody is available for research use only.

Western blot testing of human 293T cell lysate with NARG1 antibody at 0.5ug/ml. Predicted molecular weight ~101 kDa.



IHC testing of FFPE mouse intestine tissue with NARG1 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

Description

NMDA receptor-regulated protein 1 (NARG1), also known as GA19 or Tbdn100 is a protein that in humans is encoded by the NAA15 gene. It is mapped to chromosome 4. NARG1 is the auxiliary subunit of the NatA (N-alpha-acetyltransferase A) complex. Both, Naa15 and Naa16 interact with the ribosome in yeast (via the ribosomal proteins, uL23 and uL29), humans and rat, thereby linking the NatA/Naa10 to the ribosome and facilitating co-translational acetylation of nascent polypeptide chains as they emerges from the exit tunnel. Furthermore, Naa15 might act as a scaffold for other factors, including the chaperone like protein HYPK (Huntingtin Interacting Protein K) and Naa50, the catalytic acetyltransferase subunit of NatE.

Application Notes

Optimal dilution of the NARG1 antibody should be determined by the researcher.

Immunogen

Amino acids 244-287 (ADVYRGLQERNPENWAYYKGLEKALKPANMLERLKIYEEAWTKY) from the human protein were used as the immunogen for the NARG1 antibody.

Storage

After reconstitution, the NARG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.