BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GLD2 Antibody (N-term)

Catalog Number: A32403

About TENT2

GLD2 is cytoplasmic poly(A) RNA polymerase that adds successive AMP monomers to the 3'-end of specific RNAs, forming a poly(A) tail. In contrast to the canonical nuclear poly(A) RNA polymerase, it only adds poly(A) to selected cytoplasmic mRNAs. GLD2 does not play a role in replication-dependent histone mRNA degradation.

Overview

Product Name	Anti-GLD2 Antibody (N-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GLD2 Antibody (N-term) (Catalog # A32403). Tested in IF, IHC-P, WB application(s). This antibody reacts with Human, Mouse.
Application	IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q6PIY7

Technical Details

Immunogen	This GLD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-87 amino acids from the N-terminal region of human GLD2.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: IF: 1:25 WB: 1:1000

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	IHC-P: 1:25

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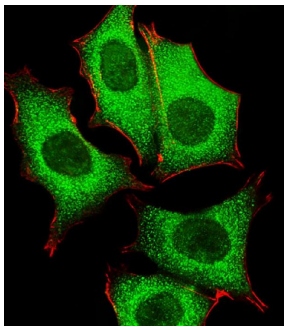
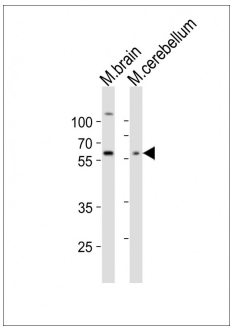
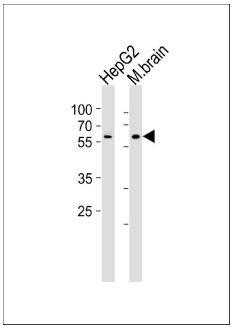
Anti-GLD2 Antibody (N-term) (A32403) Images



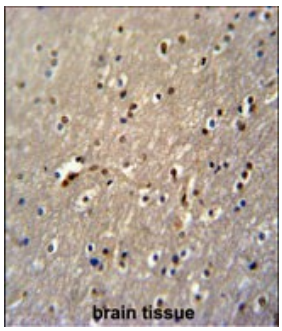
Fluorescent image of MCF-7 cells stained with GLD2 Antibody (N-term). A32403 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western blot analysis of lysates from mouse brain, mouse cerebellum tissue lysate (from left to right), using GLD2 Antibody (N-term) (Cat. #A32403). A32403 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



Western blot analysis of lysates from HepG2 cell line and mouse brain tissue lysate (from left to right), using GLD2 Antibody (N-term) (Cat. #A32403). A32403 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



GLD2 Antibody (N-term) (Cat. #A32403) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GLD2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Immunohistochemical analysis of paraffin-embedded H. cerebellum section using GLD2 Antibody (N-term) (Cat#A32403). A32403 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

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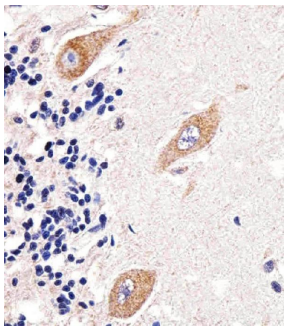

Anti-GLD2 Antibody (N-term)