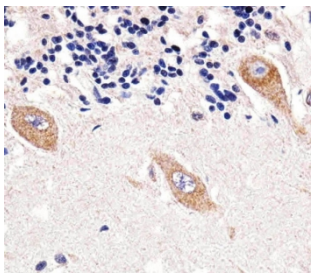
TENT2 Antibody / GLD2 (F54414)

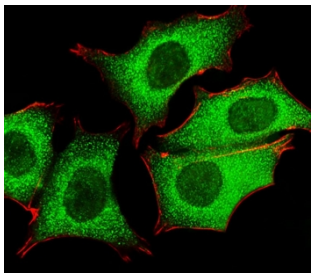
Catalog No.	Formulation	Size
F54414-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54414-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

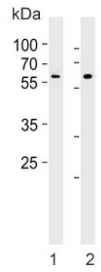
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q6PIY7
Localization	Nuclear, cytoplasmic
Applications	Immunofluorescence : 1:25 Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This TENT2 antibody is available for research use only.



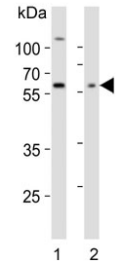
IHC testing of FFPE human cerebellum tissue with TENT2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human MCF7 cells with TENT2 antibody (green) and anti-Actin (red).



Western blot testing of 1) human HepG2 and 2) mouse brain lysate with TENT2 antibody. Predicted molecular weight ~56 kDa.



Western blot testing of mouse 1) brain and 2) cerebellulm lysate with TENT2 antibody. Predicted molecular weight ~56 kDa.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TENT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 58-87 from the human protein was used as the immunogen for the TENT2 antibody.

Storage

Aliquot the TENT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.