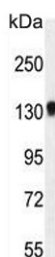


TDRD7 Antibody (F54568)

Catalog No.	Formulation	Size
F54568-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54568-0.08ML	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
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q8NHU6
Localization	Cytoplasmic
Applications	Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This TDRD7 antibody is available for research use only.

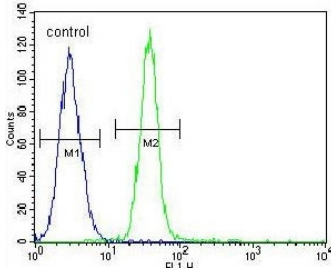


kDa
250
130
95
72
55

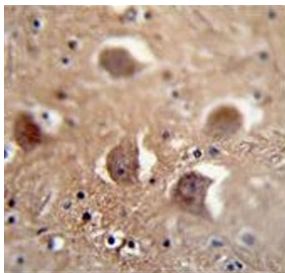
Western blot testing of mouse bladder tissue lysate with TDRD7 antibody. Expected molecular weight: 124-160 kDa.

kDa
250
130
95
72
55

Western blot testing of human A549 cell lysate with TDRD7 antibody. Expected molecular weight: 124-160 kDa.



Flow cytometry testing of human A549 cells with TDRD7 antibody; Blue=isotype control, Green= TDRD7 antibody.



IHC testing of FFPE human brain tissue with TDRD7 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

TDRD7, also known as Tudor domain containing protein 7, is a component of chromatoid bodies in spermatids (named processing bodies or P-bodies in somatic cells). It is found in a mRNP complex together with TDRD1, TDRD6 and DDX4. It is also found in a complex with CABLES1, PCTK2 and PIWIL1. TDRD7 has been shown to interact with histone H3 trimethylated at K9 in vitro.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TDRD7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 807-835 from the human protein was used as the immunogen for the TDRD7 antibody.

Storage

Aliquot the TDRD7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

