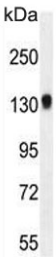
TDRD7 Antibody (F54568)

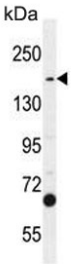
Catalog No.	Formulation	Size
F54568-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54568-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

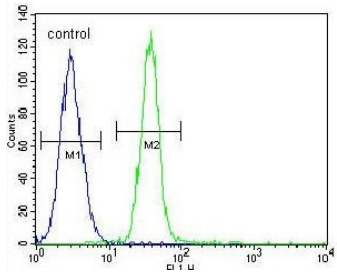
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q8NHU6
Localization	Cytoplasmic
Applications	Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This TDRD7 antibody is available for research use only.



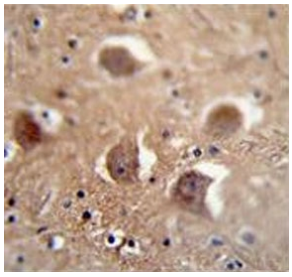
Western blot testing of mouse bladder tissue lysate with TDRD7 antibody. Expected molecular weight: 124-160 kDa.



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 tri-methylated 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.

Copyright © NSJ Bioreagents. All rights reserved.