

Product datasheet for **AP54212PU-N**

TDRD7 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:50~100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 807-835 amino acids from the C-terminal region of human TDRD7
Specificity:	This antibody detects TDRD7 (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tudor domain containing 7
Database Link:	Entrez Gene 23424 Human Q8NHU6



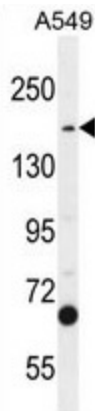
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Background: TDRD7, also known as Tudor domain containing protein 7, is a component of chromatoid bodies in spermatids (named processing bodies or P-bodies in somatic cells). It is found in a mRNP complex together with TDRD1, TDRD6 and DDX4. It is also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

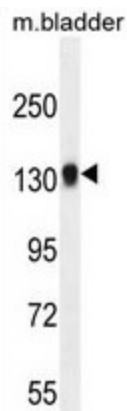
Synonyms: Tudor domain-containing protein 7, PCTAIRE2BP, Trap

Note: **Molecular Weight:** 123586 Da

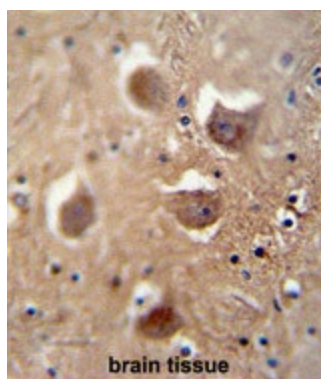
Product images:



TDRD7 Antibody (C-term) western blot analysis in A549 cell line lysates (35 ug/lane). This demonstrates the TDRD7 antibody detected the TDRD7 protein (arrow).



TDRD7 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35 ug/lane). This demonstrates the TDRD7 antibody detected the TDRD7 protein (arrow).



TDRD7 antibody (C-term) 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 TDRD7 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.