

Datasheet for ABIN955135
anti-TDRD7 antibody (C-Term)



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3 Images

Overview

Quantity:	0.4 mL
Target:	TDRD7
Binding Specificity:	AA 807-835, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDRD7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 807-835 amino acids from the C-terminal region of human TDRD7
Isotype:	Ig Fraction
Specificity:	This antibody detects TDRD7 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	TDRD7
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Target Details

Alternative Name:	TDRD7 (TDRD7 Products)
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: PCTAIRE2-binding protein, PCTAIRE2BP, Trap, Tudor domain-containing protein 7, Tudor repeat associator with PCTAIRE 2
Gene ID:	23424
NCBI Accession:	NP_055105

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

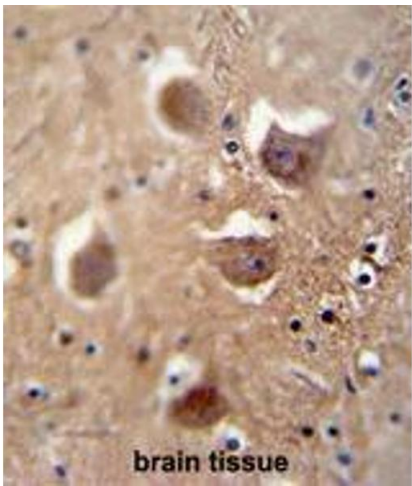


Western Blotting

Image 1. TDRD7 Antibody (C-term) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the TDRD7 antibody detected the TDRD7 protein (arrow).

Western Blotting

Image 2. TDRD7 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the TDRD7 antibody detected the TDRD7 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. 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.