

ARG45165 anti-TDRD3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TDRD3
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	TDRD3
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human TDRD3.
Conjugation	Un-conjugated
Alternate Names	Tudor domain-containing protein 3; TDRD3

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	65-73 kDa	

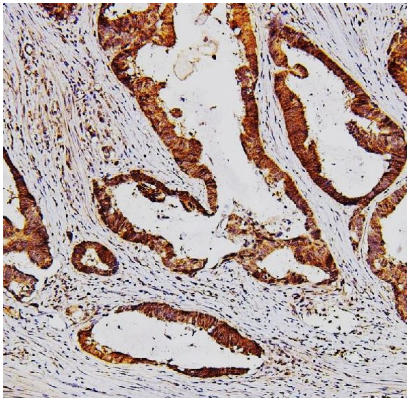
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

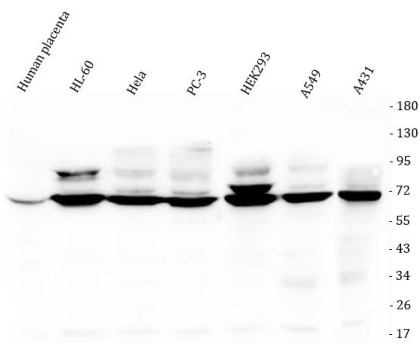
Gene Symbol	TDRD3
Gene Full Name	tudor domain containing 3
Background	Enables chromatin binding activity; methylated histone binding activity; and transcription coactivator activity. Predicted to be involved in chromatin organization and positive regulation of DNA-templated transcription. Located in Golgi apparatus; cytosol; and nucleus. Part of DNA topoisomerase III-beta-TDRD3 complex. [provided by Alliance of Genome Resources, Nov 2024]
Function	Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. [UniProt]
Calculated Mw	73 kDa
PTM	Isopeptide bond; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Nucleus; Cytoplasm. [UniProt]

Images



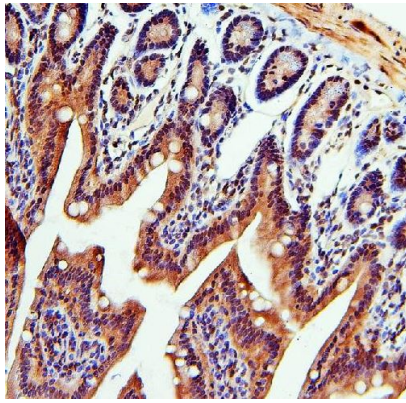
ARG45165 anti-TDRD3 antibody IHC-P image

Immunohistochemistry: Human colon cancer stained with ARG45165 anti-TDRD3 antibody at 1 µg/ml dilution.



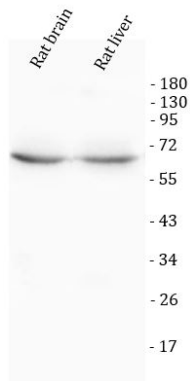
ARG45165 anti-TDRD3 antibody WB image

Western blot: Human placenta, HL-60, HeLa, PC-3, HEK293, A549, and A431 stained with ARG45165 anti-TDRD3 antibody at 0.5 µg/ml dilution.



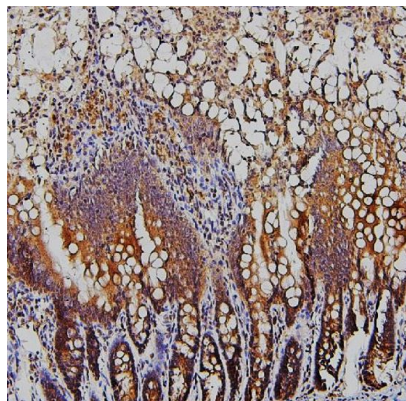
ARG45165 anti-TDRD3 antibody IHC-P image

Immunohistochemistry: Mouse small intestine stained with ARG45165 anti-TDRD3 antibody at 1 µg/ml dilution.



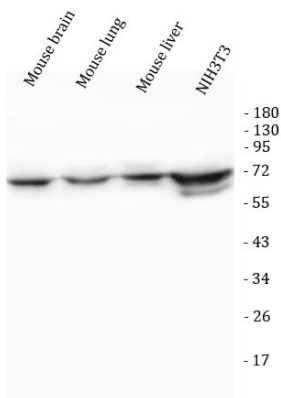
ARG45165 anti-TDRD3 antibody WB image

Western blot: Rat brain and rat liver stained with ARG45165 anti-TDRD3 antibody at 0.5 µg/ml dilution.



ARG45165 anti-TDRD3 antibody IHC-P image

Immunohistochemistry: Rat small intestine stained with ARG45165 anti-TDRD3 antibody at 1 µg/ml dilution.



ARG45165 anti-TDRD3 antibody WB image

Western blot: Mouse brain, mouse lung, mouse liver, and NIH3T3 stained with ARG45165 anti-TDRD3 antibody at 0.5 µg/ml dilution.