

Datasheet for ABIN7149567
anti-DOM3Z antibody (AA 69-266)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DOM3Z
Binding Specificity:	AA 69-266
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOM3Z antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Decapping and exoribonuclease protein (69-266AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DOM3Z
Alternative Name:	DXO (DOM3Z Products)
Background:	Background: Ribonuclease that specifically degrades pre-mRNAs with a defective 5' end cap and is part of a pre-mRNA capping quality control. Has decapping, pyrophosphohydrolase and

Target Details

5\'-3\' exonuclease activities. Has decapping activity toward incomplete 5\' end cap mRNAs such as unmethylated 5\' end-capped RNA to release GpppN and 5\' end monophosphate RNA. The 5\' end monophosphate RNA is then degraded by the 5\'-3\' exoribonuclease activity, enabling this enzyme to decap and degrade incompletely capped mRNAs. Also possesses RNA 5\'-pyrophosphohydrolase activity by hydrolyzing the 5\' end triphosphate to release pyrophosphates (By similarity).

Aliases: Dom 3 homolog Z antibody, DOM 3Z antibody, Dom-3 homolog Z antibody, DOM3 C. elegans homolog of Z antibody, Dom3 homolog Z antibody, DOM3L antibody, Dom3z antibody, DOM3Z_HUMAN antibody, NG6 antibody, Protein Dom3Z antibody, RAI1 antibody, RAT1-INTERACTING PROTEIN 1 antibody

UniProt: [077932](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

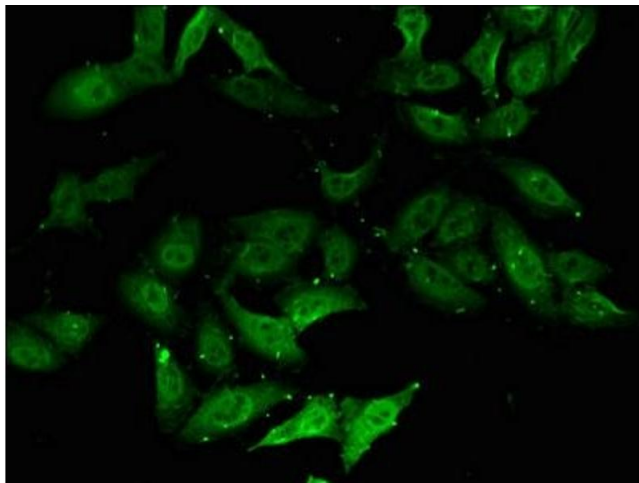
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

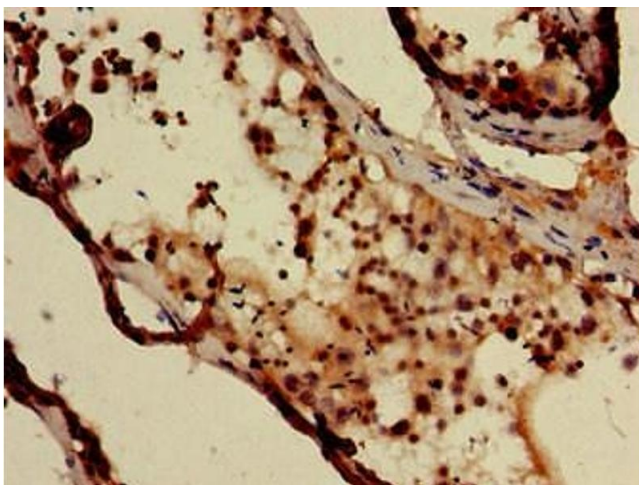
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7149567 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7149567 at dilution of 1:100