

Datasheet for ABIN7260495
anti-Thymopoietin antibody

6 Images

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Overview

Quantity:	200 µL
Target:	Thymopoietin (TMPO)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymopoietin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human TMPO (NP_001027454.1).
Isotype:	IgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	Thymopoietin (TMPO)
Alternative Name:	TMPO (TMPO Products)
Background:	The protein encoded by this gene resides in the nucleus and may play a role in the assembly of

Target Details

the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Molecular Weight: Observed_MW: 51 kDa/80 kDa
Calculated_MW: 38 kDa/50 kDa/75 kDa

Gene ID: 7112

UniProt: [P42166](#), [P42167](#)

Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

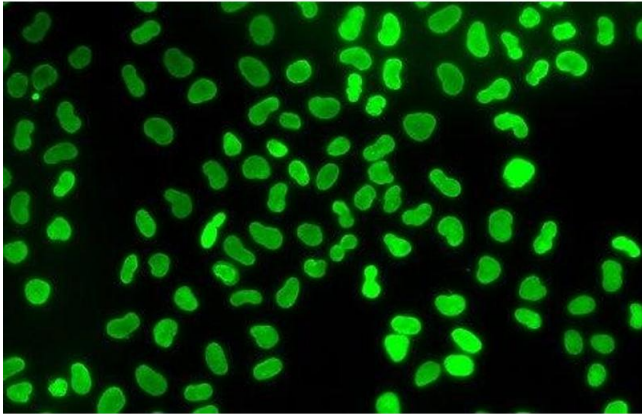
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

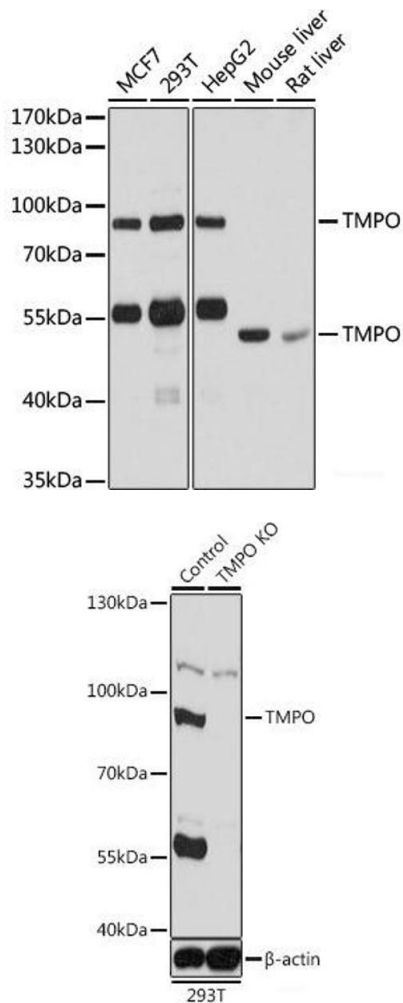
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using TMPO Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using TMPO Polyclonal Antibody at dilution of 1:1000.

Western Blotting

Image 3. Western blot analysis of extracts from normal (control) and TMPO knockout (KO) 293T cells using TMPO Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7260495.