

Datasheet for ABIN3016207

anti-Thymopoietin antibody (AA 1-410)



[Go to Product page](#)

10 Images

Overview

Quantity:	100 µL
Target:	Thymopoietin (TMPO)
Binding Specificity:	AA 1-410
Reactivity:	Human
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 containing a sequence corresponding to amino acids 1-410 of human TMPO (NP_001027454.1).
Sequence:	MPEFLEDPSV LTKDKLKSEL VANNVTL PAG EQRKDVVYQL YLQHLTARNR PPLPAGTNSK GPPDFSSDEE REPTVVLGSG AAAAGRSRAA VGRKATKKTD KPRQEDKDDL DVELTNDL LDQLVKYGVN PGPIVGTRK LYEKLLKLR EQGTESRSST PLPTISSAE NTRQNGSNDS DRYSDNEEDS KIELKLEKRE PLKGRAKTPV TLKQRRVEHN QSYSQAGITE TEWTSGSSKG GPLQALTRES TRGSRTRPRK RVETSEHFRI DGPVISESTP IAETIMASSN ESLVNRVTG NFKHASPILP ITEFSDIPRR APKKPLTRAE VGEKTEERRV ERDILKEMFP YEASTPTGIS ASCRRPIKGA AGRPLELSDF RMEESFSSKY VPKYVPLADV KSEKTKKGRS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics: Polyclonal Antibodies

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 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.,TMPO,CMD1T,LAP2,LEMD4,PRO0868,TP,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Intermediate Filaments,TMPO

Molecular Weight: 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

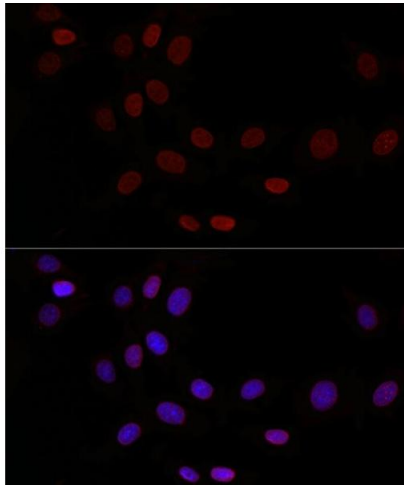
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

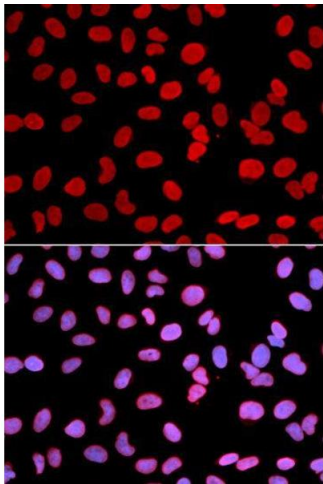
Storage: -20 °C

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



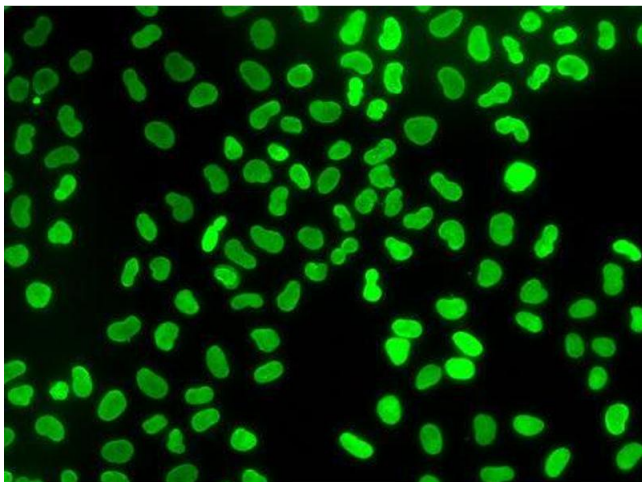
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using TMPO Rabbit pAb (ABIN3016206, ABIN3016207, ABIN3016208, ABIN1683056 and ABIN1683057) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2.



Immunofluorescence

Image 3.

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN3016207.