

Datasheet for ABIN6263423  
**anti-MT01 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	MT01
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT01 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human MT01, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	MT01 Antibody detects endogenous levels of total MT01.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	MT01
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## Target Details

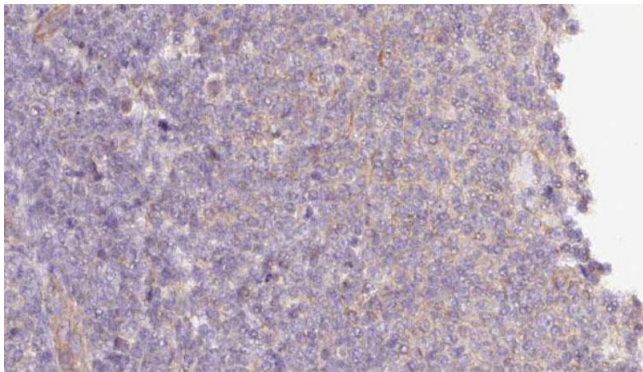
Abstract:	<a href="#">MT01 Products</a>
Background:	Description: Involved in the 5-carboxymethylaminomethyl modification (mnm5s2U34) of the wobble uridine base in mitochondrial tRNAs. Gene: MT01
Molecular Weight:	70-75 kDa
Gene ID:	25821
UniProt:	<a href="#">Q9Y2Z2</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

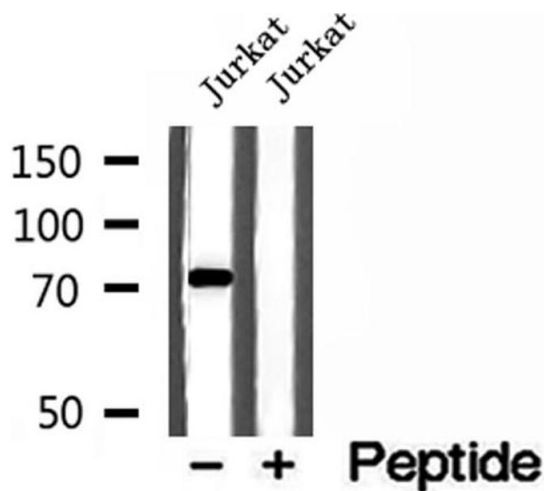
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



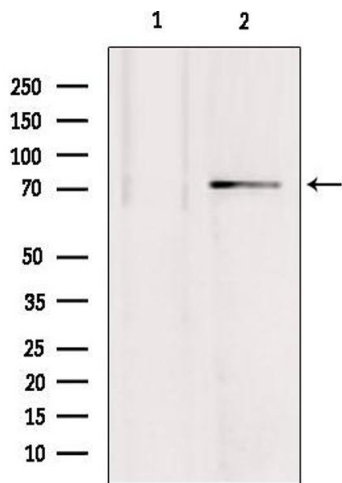
### Immunohistochemistry

**Image 1.** ABIN6273058 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Jurkat cells, using MT01 antibody.



### Western Blotting

**Image 3.** Western blot analysis of extracts from mouse brain, using MT01 antibody. Lane 1 was treated with the blocking peptide.