# antibodies.com

Datasheet for ABIN7439690 anti-MT3 antibody (AA 1-68)

2 Images



#### Overview

Quantity:	100 μL
Target:	MT3
Binding Specificity:	AA 1-68
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Metallothionein 3 (MT3)
Immunogen:	Recombinant Metallothionein 3 (MT3) corresdonding to Met1~Gln68
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MT3. It has been selected for its ability to recognize MT3 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	MT3

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Target Details	
Alternative Name:	Metallothionein 3 (MT3 Products)
Background:	GIF, GIFB, GRIF, Growth Inhibitory Factor, Neurotrophic
Pathways:	Hormone Transport, Transition Metal Ion Homeostasis, Regulation of Cell Size, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus

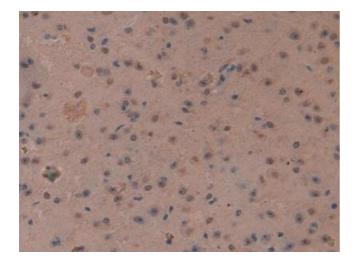
# Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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# Western Blot kDa 70 44 33 26 22 18 14 14 10

#### Immunohistochemistry

**Image 1.** Detection of MT3 in Mouse Cerebrum Tissue using Polyclonal Antibody to Metallothionein 3 (MT3)

#### Western Blotting

**Image 2.** Detection of Recombinant MT3, Mouse using Polyclonal Antibody to Metallothionein 3 (MT3)

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