

[Go to Product page](#)

## Datasheet for ABIN1720883 **anti-MT1A antibody**

### Overview

Quantity:	50 µg
Target:	MT1A
Reactivity:	Barley
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunolocalization (IL)

### Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Hordeum vulgare MT1a sequence, UniProt Q8GTD1
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity are currently known
Predicted Reactivity:	Hordeum vulgare
Purification:	serum

### Target Details

Target:	MT1A
Alternative Name:	MT1a ( <a href="#">MT1A Products</a> )
Background:	MT1a (Metallothionein type1) is a cysteine-rich, low molecular mass protein with a metal ion binding function. Metallothioneins (MTs) are involved in many physiological processes such as metal ion homeostasis, detoxification of excess metals and protection against oxidative

## Target Details

	stress.
Molecular Weight:	7.4 kDa
UniProt:	<a href="#">Q8GTD1</a>

## Application Details

Application Notes:	1 : 1000 with standard ECL (WB) on recombinant protein, 1: 400 (IL)
Comment:	This antibody has so far worked on recombinant protein in western blot. Immunolocalization experiment is described in detail in Schiller et al. (2013).
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water.
Handling Advice:	Avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Storage:	-20 °C
Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.