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Datasheet for ABIN1720884  
**anti-MT2A antibody**

### Overview

Quantity:	50 µg
Target:	MT2A
Reactivity:	Hordeum vulgare subsp. spontaneum (Wild barley) (Hordeum spontaneum)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunolocalization (IL)

### Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Hordeum vulgare MT2a sequence.
Predicted Reactivity:	Hordeum vulgare
Purification:	serum

### Target Details

Target:	MT2A
Alternative Name:	MT2a ( <a href="#">MT2A Products</a> )
Background:	MT2a (Metallothionein 2a) 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 stress.
Molecular Weight:	7.7 kDa
UniProt:	<a href="#">I6NQG8</a>

## Target Details

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Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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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

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Format: Lyophilized

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.