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Datasheet for ABIN7429940  
**anti-Melatonin antibody**

### Overview

Quantity:	100 µL
Target:	Melatonin (MT)
Reactivity:	Various Species
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melatonin antibody is un-conjugated
Application:	ELISA, Chemiluminescence Immunoassay (CLIA), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Purpose:	Polyclonal Antibody to Melatonin (MT)
Immunogen:	BSA Conjugated Melatonin (MT)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MT. It has been selected for its ability to recognize MT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Various Species
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

Target:	Melatonin (MT)
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## Target Details

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Alternative Name: Melatonin ([MT Products](#))

Target Type: Chemical

Background: N-Acetyl-5-Methoxytryptamine

## Application Details

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Application Notes: Enzyme-Linked Immune Sorbent Assay: 5.25 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

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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