



Datasheet for ABIN7297938  
**anti-MAST3 antibody (C-Term)**



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3 Images

Overview

Quantity:	100 µL
Target:	MAST3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAST3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MAST3.
Specificity:	Recognizes endogenous levels of MAST3 protein.
Characteristics:	Rabbit polyclonal antibody to MAST3
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	MAST3
Alternative Name:	MAST3 ( <a href="#">MAST3 Products</a> )

## Target Details

Background:	KIAA0561, Microtubule-associated serine/threonine-protein kinase 3
Gene ID:	23031, 546071
UniProt:	<a href="#">O60307</a> , <a href="#">Q3U214</a>

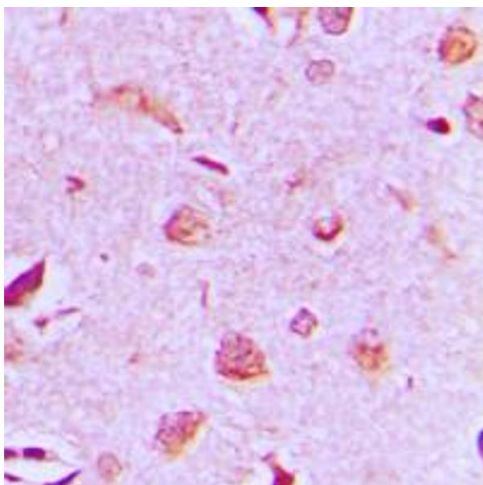
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

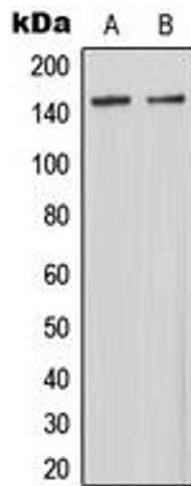
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



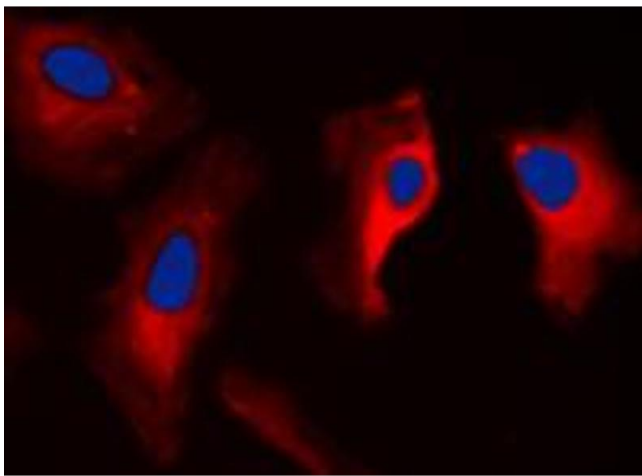
### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of MAST3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### Western Blotting

**Image 2.** Western blot analysis of MAST3 expression in HepG2 (A), rat kidney (B) whole cell lysates.



### Immunofluorescence

**Image 3.** Immunofluorescent analysis of MAST3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).