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# Datasheet for ABIN7433459 anti-MAP4 antibody (AA 243-549)

3 Images



### Overview

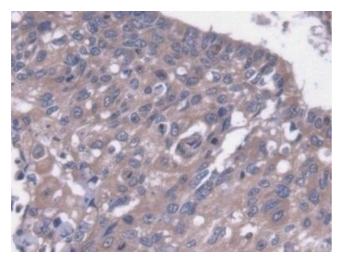
Quantity:	100 µL
Target:	MAP4
Binding Specificity:	AA 243-549
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Purpose:	Polyclonal Antibody to Microtubule Associated Protein 4 (MAP4)
Immunogen:	Recombinant Microtubule Associated Protein 4 (MAP4) corresdonding to Met243~Val549 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MAP4. It has been selected for its ability to recognize MAP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	MAP4
Alternative Name:	Microtubule Associated Protein 4 (MAP4 Products)
Pathways:	p53 Signaling, Microtubule Dynamics
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



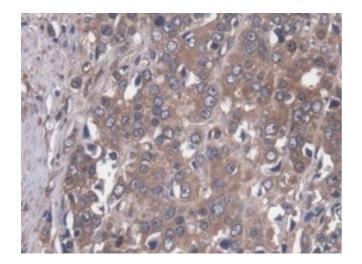
## Western Blot kDa 70 44 33 26 22 18 14 10

### Immunohistochemistry

**Image 1.** Detection of MAP4 in Human Lung cancer Tissue using Polyclonal Antibody to Microtubule Associated Protein 4 (MAP4)

### Western Blotting

**Image 2.** Detection of Recombinant MAP4, Human using Polyclonal Antibody to Microtubule Associated Protein 4 (MAP4)



#### Immunohistochemistry

**Image 3.** Detection of MAP4 in Human Prostate cancer Tissue using Polyclonal Antibody to Microtubule Associated Protein 4 (MAP4)

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