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anti-KIF18A antibody (Internal Region)

2 Images

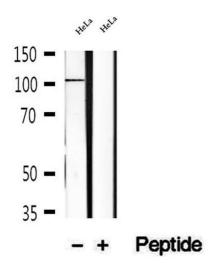


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Overview	
Quantity:	100 μL
Target:	KIF18A
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF18A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human KIF18A, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	KIF18A Antibody detects endogenous levels of total KIF18A.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	KIF18A

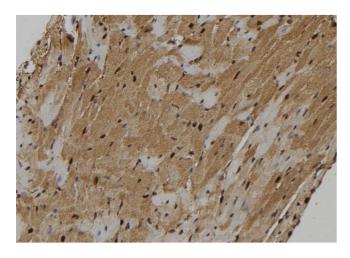
Target Details	
Alternative Name:	KIF18A (KIF18A Products)
Background:	Description: Microtubule-depolymerizing kinesin which plays a role in chromosome
	congression by reducing the amplitude of preanaphase oscillations and slowing poleward
	movement during anaphase, thus suppressing chromosome movements. May stabilize the
	CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at
	kinetochores during chromosome congression.
	Gene: KIF18A
Molecular Weight:	102 kDa
Gene ID:	81930
UniProt:	Q8NI77
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using KIF18A antibody.



Immunohistochemistry

Image 2. ABIN6273130 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.