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anti-CEP72 antibody

Images



Overview

Quantity:	100 μL
Target:	CEP72
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEP72 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CEP72
Isotype:	IgG
Specificity:	CEP72 Antibody detects endogenous levels of total CEP72
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CEP72
Alternative Name:	CEP72 (CEP72 Products)
Background:	Description: Involved in the recruitment of key centrosomal proteins to the centrosome.

Provides centrosomal microtubule-nucleation activity on the gamma-tubulin ring complexes (gamma-TuRCs) and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. Required for localization of KIZ, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs) (PubMed:19536135). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (PubMed:26297806).

Gene: CEP72

Molecular Weight: 72 kDa

Gene ID: 55722

UniProt: Q9P209

Pathways: M Phase

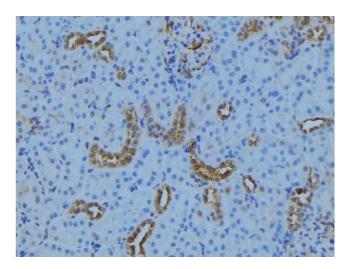
Application Details

Application Notes: WB 1:1000-3000 IHC 1:200

Restrictions: For Research Use only

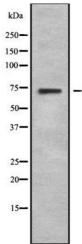
Handling

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 % 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	



Immunohistochemistry

Image 1. ABIN6279279 at 1/100 staining Mouse kidney 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 $22_{\rm i}$ aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of CEP72 using A549 whole cell lysates