

For Research Use Only

# CEP350-Specific Polyclonal antibody

Catalog Number:20022-1-AP



## Basic Information

<b>Catalog Number:</b> 20022-1-AP	<b>GenBank Accession Number:</b> NM_014810	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9857	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5VT06	
<b>Isotype:</b> IgG	<b>Full Name:</b> centrosomal protein 350kDa	
	<b>Calculated MW:</b> 351 kDa	
	<b>Observed MW:</b> 245 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** mouse heart tissue, mouse skeletal muscle tissue

**IHC :** mouse liver tissue,

**IF/ICC :** A431 cells,

## Background Information

CEP350, or Centrosomal Protein 350 kDa, also named CAP350, FLJ38282, FLJ44058, GM133, and KIAA0480, is a protein that plays a crucial role in the formation and maintenance of the centrosome, which is essential for cell division. The molecular weight of CEP350 varies depending on the isoforms and post-translational modifications. The molecular weight of CEP350 can range from 200-245 kDa, 143 kDa, to 65 kDa. These variations in molecular weight are likely due to different isoforms of the protein that arise from alternative splicing or other post-translational modifications.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

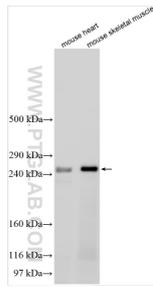
For technical support and original validation data for this product please contact:

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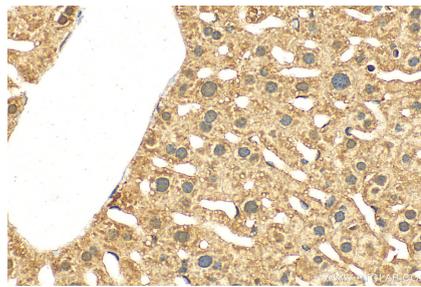
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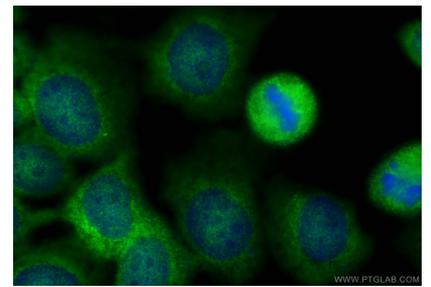
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20022-1-AP (CEP350-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 20022-1-AP (CEP350-Specific antibody) at dilution of 1:200 (under 40x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CEP350-Specific antibody (20022-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).