

For Research Use Only

# CEP44 Polyclonal antibody, PBS Only

Catalog Number: 24457-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

24457-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19961

**GenBank Accession Number:**

BC038667

**GeneID (NCBI):**

80817

**UNIPROT ID:**

Q9COF1

**Full Name:**

KIAA1712

**Calculated MW:**

390 aa, 44 kDa

**Observed MW:**

44 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human, mouse

## Background Information

CEP44, also named as KIAA1712 and PS1TP3, localizes to centrosomes, spindle poles, and weakly in midbody. It is a 44 kDa centrosome protein.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

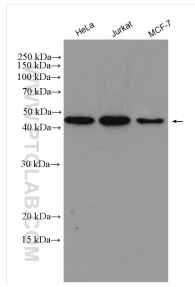
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

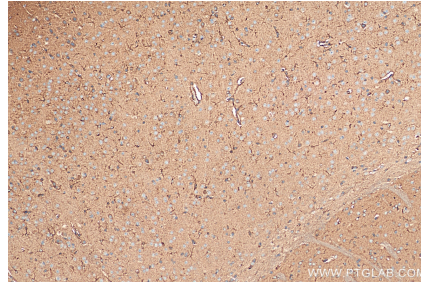
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

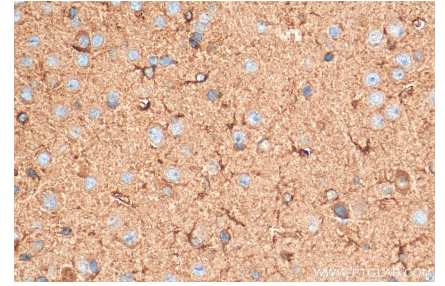
## Selected Validation Data



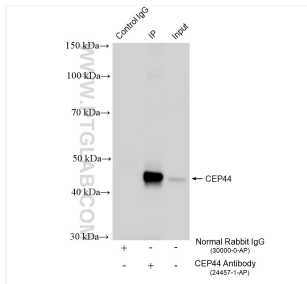
Various lysates were subjected to SDS PAGE followed by western blot with 24457-1-AP (CEP44 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.



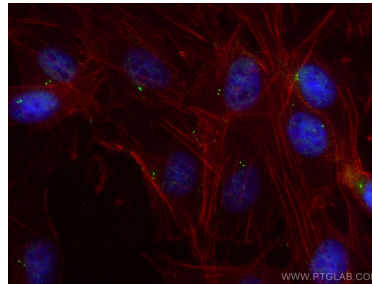
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24457-1-AP (CEP44 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24457-1-AP (CEP44 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.



IP result of anti-CEP44 (IP:24457-1-AP, 4ug; Detection:24457-1-AP 1:3000) with HeLa cells lysate 1640 ug. This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MDCK cells using CEP44 antibody (24457-1-AP) at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.