

For Research Use Only

# CEP44 Polyclonal antibody, PBS Only

Catalog Number: 24457-1-PBS

Featured Product



## Basic Information

Catalog Number:

24457-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19961

GenBank Accession Number:

BC038667

GeneID (NCBI):

80817

UNIPROT ID:

Q9C0F1

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

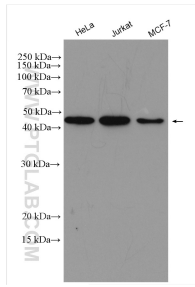
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

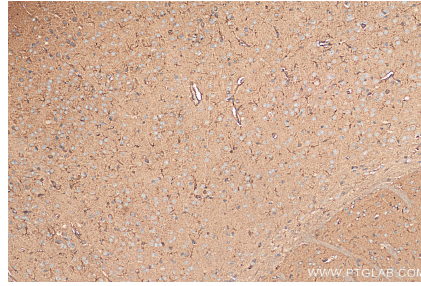
W: [ptgcn.com](http://ptgcn.com)

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

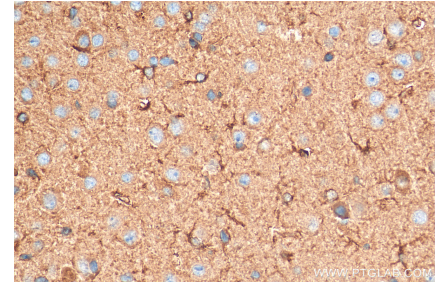
## Selected Validation Data



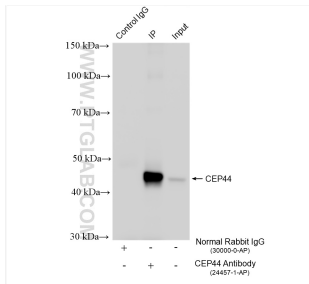
Various lysates were subjected to SDS PAGE followed by western blot with 24457-1-AP (CEP44 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24457-1-PBS in a different storage buffer formulation.



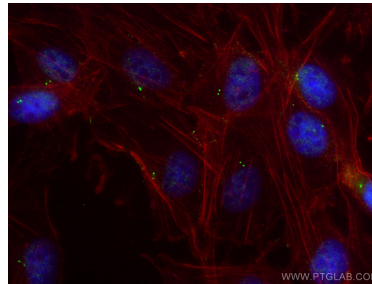
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24457-1-AP (CEP44 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24457-1-PBS in a different storage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