

For Research Use Only

DYNAP Polyclonal antibody, PBS Only

Catalog Number: 32123-1-PBS



Basic Information

Catalog Number:

32123-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37125

GenBank Accession Number:

NM_001307955

GeneID (NCBI):

284254

UNIPROT ID:

Q8N1N2

Full Name:

chromosome 18 open reading frame
26

Calculated MW:

22 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

The dynactin-associated protein (DYNAP), also known as C18orf26, is a transmembrane protein that localises to the Golgi apparatus and the plasma membrane in a microtubule-dependent manner. This protein is expressed in half of all human cancer cell lines. DYNAP expression activates Akt (also known as protein kinase B) by promoting Ser473 phosphorylation, which is required for full activation (PMID: 20978158). In SDS-PAGE, DYNAP migrates anomalously at ~45 kDa, which is much larger than the expected 22.5 kDa based on its amino acid composition. The T/S cluster region is responsible for this (PMID: 35022995).

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:

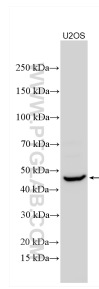
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E: Proteintech-CN@ptglab.com

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

Selected Validation Data



U2OS cells lysate was subjected to SDS PAGE followed by western blot with 32123-1-AP (DYNAP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32123-1-PBS in a different storage buffer formulation.