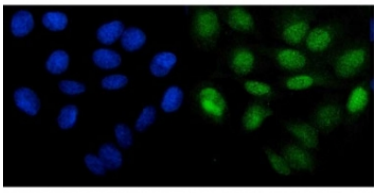
# PHF21B Antibody (RQ6333)

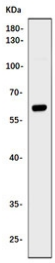
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ6333 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q96EK2 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Immunofluorescence (FFPE) : 5ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| **Limitations** | This PHF21B antibody is available for research use only. |



Immunofluorescent staining of FFPE human U-2 OS cells with PHF21B antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.




Western blot testing of human U-2 OS cell lysate with PHF21B antibody. Predicted molecular weight ~57 kDa.

## Description

PHF21B (PHD finger protein 21B), also known as PHF4, is a 531 amino acid protein that contains one PHD-type zinc finger and is expressed as multiple alternatively spliced isoforms. The gene encoding PHF21B maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, neurofibromatosis type 2, autism and schizophrenia.

## Application Notes

Optimal dilution of the PHF21B antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids E291-M499) was used as the immunogen for the PHF21B antibody.

## Storage

After reconstitution, the PHF21B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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