

For Research Use Only

# DIAPH2 Recombinant antibody, PBS Only

Catalog Number: 84671-4-PBS



## Basic Information

Catalog Number:

84671-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35280

GenBank Accession Number:

NM\_006729.4

GeneID (NCBI):

1730

UNIPROT ID:

O60879

Full Name:

diaphanous homolog 2 (Drosophila)

Calculated MW:

126kDa

Observed MW:

126-130 kDa

Purification Method:

Protein A purification

CloneNo.:

242176A11

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

In vertebrates, three DRF genes (DIAPH1, DIAPH2 and DIAPH3) are the orthologs of the *Drosophila melanogaster* diaphanous (*dia*) gene, which has important roles in fertility and hearing in the fly. DIAPH1 and DIAPH3 have been associated with different types of hearing loss (HL). DIAPH2, located on chromosome Xq21.33, until now it has only been linked to premature ovarian failure 2 (POF2A). (PMID: 36689403)

## 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:

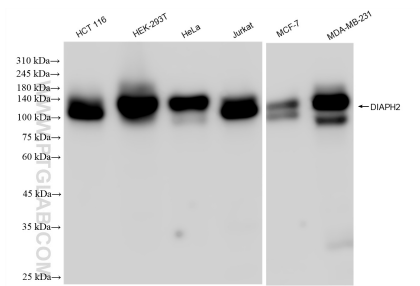
T: 4006900926

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 84671-4-RR (DIAPH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84671-4-PBS in a different storage buffer formulation.