

For Research Use Only

# DIAPH2 Recombinant antibody

Catalog Number: 84671-4-RR



## Basic Information

Catalog Number:

84671-4-RR

Concentration:

1000 µg/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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, HEK-293T cells, HeLa cells, Jurkat cells, MCF-7 cells, MDA-MB-231 cells

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

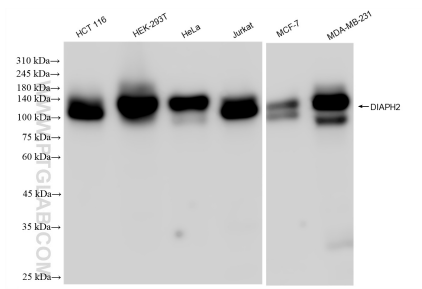
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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# 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.