

For Research Use Only

# PAQR7 Polyclonal antibody, PBS Only

Catalog Number: 24966-1-PBS



## Basic Information

Catalog Number:

24966-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21655

GenBank Accession Number:

BC034015

GeneID (NCBI):

164091

UNIPROT ID:

Q86WK9

Full Name:

progesterin and adipoQ receptor family member VII

Calculated MW:

346 aa, 40 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Progesterin and adipoQ receptor 7 (PAQR7), also called membrane P4 receptor  $\alpha$  (mPR $\alpha$ ), is a membrane protein with seven transmembrane domains, similar to G protein-coupled receptors (PMID: 34217103). Studies have shown that PAQR7 has important physiological functions in various reproductive tissues (PMID: 12601167). In addition, PAQR7 participates in the antimitotic action of P4 in human GCs and luteal cells, and P4's ability to suppress entry into the cell cycle was dependent on PAQR7 but not nuclear progesterone receptor (PGR) (PMID: 26203174).

## 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

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

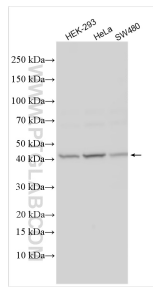
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 24966-1-AP (PAQR7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24966-1-PBS in a different storage buffer formulation.