For Research Use Only

PAQR7 Polyclonal antibody

Catalog Number:24966-1-AP

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Basic Information

Catalog Number:
24966-1-AP

Size:
150ul , Concentration: 270 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21655

GenBank Accession Number:
BC034015

GeneID (NCBI):
164091

UNIPROT ID:
Q86WK9

Full Name:
progestin and adipoQ receptor family member VII

Calculated MW:
346 aa, 40 kDa

Observed MW:
40 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HEK-293 cells, HeLa cells, SW480 cells

Background Information

Progestin and adipoQ receptor 7 (PAQR7), also called membrane P4 receptor α (mPRα), 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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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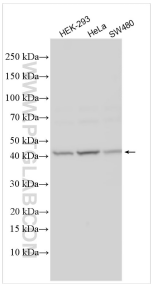
Selected Validation Data



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.