

For Research Use Only

# PAQR7 Polyclonal antibody, PBS Only

Catalog Number: 24966-1-PBS



## Basic Information

<b>Catalog Number:</b> 24966-1-PBS	<b>GenBank Accession Number:</b> BC034015	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 164091	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86WK9	
<b>Isotype:</b> IgG	<b>Full Name:</b> progesterin and adipoQ receptor family member VII	
<b>Immunogen Catalog Number:</b> AG21655	<b>Calculated MW:</b> 346 aa, 40 kDa	
	<b>Observed MW:</b> 40 kDa	

## 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.

**Storage Buffer:**  
PBS Only

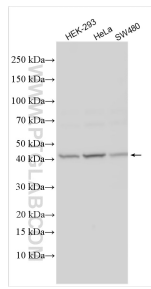
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## Selected Validation Data



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. This data was developed using the same antibody clone with 24966-1-PBS in a different storage buffer formulation.