

For Research Use Only

# PEAR1 Polyclonal antibody, PBS Only

Catalog Number: 28086-1-PBS



## Basic Information

Catalog Number:

28086-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27978

GenBank Accession Number:

NM\_001080471

GeneID (NCBI):

375033

UNIPROT ID:

Q5VY43

Full Name:

platelet endothelial aggregation receptor 1

Calculated MW:

111 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Platelet endothelial aggregation receptor 1 (PEAR1) is a type I transmembrane protein with an EMI domain, 15 epidermal growth factor-like repeats, and multiple cytoplasmic tyrosines and prolines (PMID: 15851471). Highly expressed in endothelial cells and platelets, PEAR1 participates in platelet contact-induced activation. It is required for SVEP1-mediated platelet activation, via its interaction with SVEP1 and subsequent activation of AKT/mTOR signaling (PMID: 36792666). PEAR1 has also been reported to play roles in the proliferation of activated fibroblasts and myoblasts (PMID: 36402779; 39765730).

## 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:

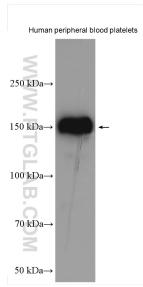
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 28086-1-AP (PEAR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28086-1-PBS in a different storage buffer formulation.