

For Research Use Only

# PLXND1 Polyclonal antibody, PBS Only

Catalog Number: 32470-1-PBS



## Basic Information

**Catalog Number:**

32470-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG38374

**GenBank Accession Number:**

NM\_015103.2

**GeneID (NCBI):**

23129

**UNIPROT ID:**

Q9Y4D7

**Full Name:**

plexin D1

**Calculated MW:**

212kDa 1925aa

**Observed MW:**

220-250

**Purification Method:**

Antigen affinity Purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

PLXND1, also known as KIAA0620. It is predicted to be located in the cell membrane. Detected at low levels in heart, placenta, lung, skeletal muscle, kidney, thymus and liver. It is a cell surface receptor for SEMA4A and for class 3 semaphorins, such as SEMA3A, SEMA3C and SEMA3E, which plays an important role in cell-cell signaling, and in regulating the migration of a wide spectrum of cell types. Regulates the migration of thymocytes in the medulla. The protein regulates endothelial cell migration. The molecular weight of PLXND1 is 212 kDa, and the target also has phosphorylation modification as well.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

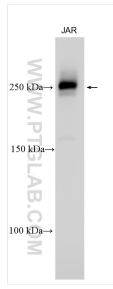
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32470-1-AP (PLXND1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32470-1-PBS in a different storage buffer formulation.