

# Podoplanin Rabbit pAb

Catalog No.: A13261 **1 Publications**

## Basic Information

### Observed MW

36kDa

### Calculated MW

12kDa/16kDa/18kDa/24kDa

### Category

Primary antibody

### Applications

WB,IHC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
10630	Q86YL7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 99-199 of human Podoplanin (NP\_006465.3).

### Synonyms

PDPN;AGGRUS;GP36;GP40;Gp38;HT1A-1;OTS8;PA2.26;T1A;T1A-2;T1A2;T11A

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

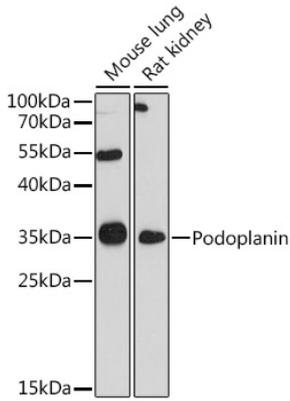
## Product Information

<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using Podoplanin antibody (A13261) at 1:1000 dilution.

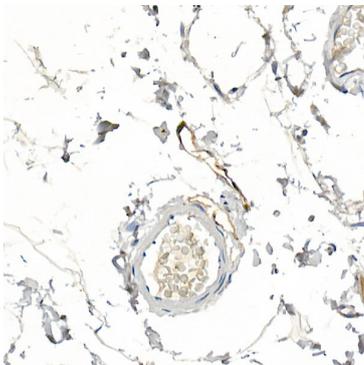
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

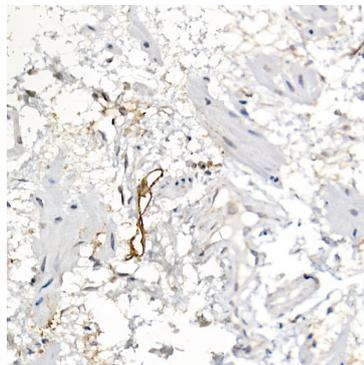
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon using Podoplanin Rabbit pAb (A13261) at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human esophagus using Podoplanin Rabbit pAb (A13261) at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.