

For Research Use Only

# MUC12 Polyclonal antibody, PBS Only

Catalog Number: 31839-1-PBS



## Basic Information

<b>Catalog Number:</b> 31839-1-PBS	<b>GenBank Accession Number:</b> BC127877	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10071	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UKN1	
<b>Isotype:</b> IgG	<b>Full Name:</b> mucin 12, cell surface associated	
<b>Immunogen Catalog Number:</b> AG35481	<b>Calculated MW:</b> 558 kDa	
	<b>Observed MW:</b> 550 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

This gene encodes an integral membrane glycoprotein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces and have been implicated in epithelial renewal and differentiation. These glycoproteins also play a role in intracellular signaling. These protein are expressed on the apical membrane surface of epithelial cells that line the mucosal surfaces of many different tissues including the colon, pancreas, prostate, and uterus.

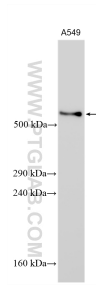
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

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](mailto:proteintech@ptglab.com)      W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31839-1-AP (MUC12 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31839-1-PBS in a different storage buffer formulation.