

## Anti-MUC2 Rabbit pAb



WLA0380

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-MUC2 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC	1:100-1:500
<b>Cellular localization</b>	Secreted.	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	MUC2 is a member of the mucin protein family. Mucin is a high molecular weight glycoprotein produced by many epithelial tissues. MUC2 is secreted and forms an insoluble mucosal barrier that protects the intestinal lumen, believed to provide protection, lubrication barrier, and infectious agents on the mucosal surface. It is the main component of the internal and external mucus layers of the colon, and may play a role in excluding bacteria from the internal mucus layer.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MUC2.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

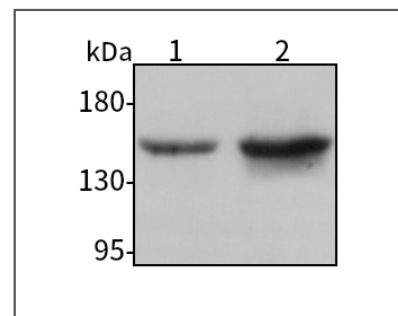
## Anti-MUC2 Rabbit pAb



WLA0380

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Images



## Western blot-Anti-MUC2 pAb

Lane 1: Human HCT116 cell lysate

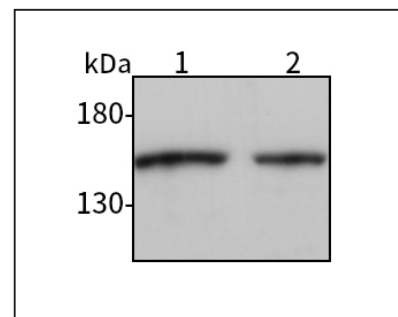
Lane 2: Human A549 cell lysate

All lanes: Anti-MUC2 at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 540 kDa

Observed band size: 140-170 kDa



## Western blot-Anti-MUC2 pAb

Lane 1: Mouse colon tissue lysate

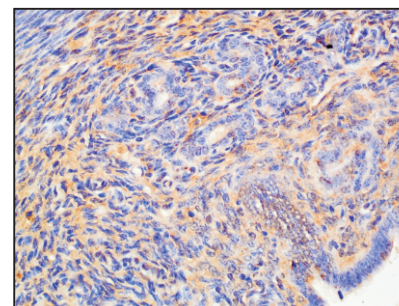
Lane 2: Rat colon tissue lysate

All lanes: Anti-MUC2 at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 540 kDa

Observed band size: 140-170 kDa



## Immunohistochemistry-Anti-MUC2 pAb

Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-MUC2 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0