

For Research Use Only

# GPA33 Polyclonal antibody

Catalog Number: 25941-1-AP



## Basic Information

<b>Catalog Number:</b> 25941-1-AP	<b>GenBank Accession Number:</b> BC074830	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10223	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99795	
<b>Isotype:</b> IgG	<b>Full Name:</b> glycoprotein A33 (transmembrane)	
<b>Immunogen Catalog Number:</b> AG12655	<b>Calculated MW:</b> 319 aa, 36 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, HT-29 cells, mouse colon tissue, mouse small intestine tissue, rat colon tissue
<b>Species Specificity:</b> human, mouse	

## Background Information

Glycoprotein A33 (GPA33) is a transmembrane glycoprotein that belongs to the immunoglobulin superfamily (PMID: 9862345; 9012807). It contains an extracellular region of 213 amino acids, a transmembrane domain, and a highly polar intracellular tail containing four consecutive cysteine residues (PMID: 9012807). GPA33 is specifically expressed on the basolateral surfaces of intestinal epithelial cells of all lineages and is found in 95% of primary and metastatic colorectal cancers (PMID: 10960348; 10950144; 21541536). GPA33 may have a role in cell adhesion and has been implicated in immune dysregulation (PMID: 9012807; 33728639).

## Storage

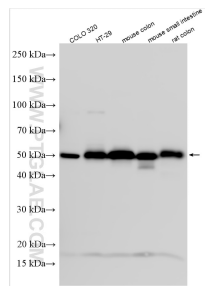
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25941-1-AP (GPA33 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.