

# GPA33 Polyclonal antibody

Catalog Number: 25941-1-AP

## Basic Information

**Catalog Number:**

25941-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12655

**GenBank Accession Number:**

BC074830

**GeneID (NCBI):**

10223

**UNIPROT ID:**

Q99795

**Full Name:**

glycoprotein A33 (transmembrane)

**Calculated MW:**

319 aa, 36 kDa

**Observed MW:**

50 kDa

**Purification Method:**

Protein A purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : COLO 320 cells, HT-29 cells, mouse colon tissue, mouse small intestine tissue, rat colon tissue

## 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

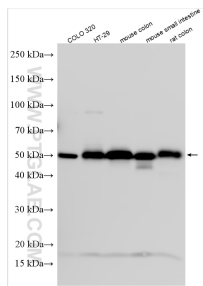
For technical support and original validation data for this product please contact:

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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.