

## Rabbit anti-Human GPA33 Polyclonal Antibody | anti-GPA33 antibody

GPA33 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA305629</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

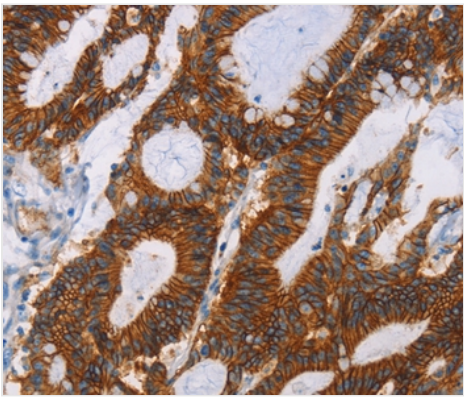
### PRODUCT SYNONYMS

GPA33; Polyclonal Antibody; GPA33 Antibody; A33; anti-GPA33 antibody

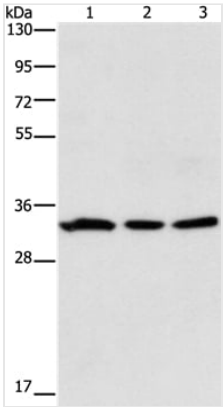
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                            |
| Reactivity                                      | Human                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                        |
| Specificity                                     | The antibody detects endogenous levels of total GPA33 protein.                                                    |
| Purity/Purification                             | Antigen affinity purification.                                                                                    |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                   |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                           |
| Sequence Length                                 | 319                                                                                                               |
| Applicable Applications for anti-GPA33 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                     |
| Immunogen Type                                  | Recombinant Protein                                                                                               |
| Immunogen Description                           | Fusion protein corresponding to a region derived from internal residues of human glycoprotein A33 (transmembrane) |
| SDS-PAGE MW                                     | 36kD                                                                                                              |
| Target Name                                     | GPA33                                                                                                             |
| Preparation and Storage                         | Store at -20°C                                                                                                    |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



**Application Data**  
Gel: 15%SDS-PAGE Lysates (from left to right): 293T and human colon cancer tissue, 231 cell  
Amount of lysate: 40ug per lane Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GPA33 antibody | The glycoprotein encoded by this gene is a cell surface antigen that is expressed in greater than 95% of human colon cancers. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains 2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily. |
| Product Categories/Family for anti-GPA33 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 5031561                          |
| NCBI GeneID                      | 10223                            |
| NCBI Accession #                 | BC069723                         |
| NCBI GenBank Nucleotide #        | NM_005814.2                      |
| UniProt Accession #              | Q99795; Q5VZP6                   |
| NCBI Official Full Name          | cell surface A33 antigen         |
| NCBI Official Synonym Full Names | glycoprotein A33 (transmembrane) |
| NCBI Official Symbol             | GPA33                            |
| NCBI Official Synonym Symbols    | A33                              |
| NCBI Protein Information         | cell surface A33 antigen         |
| UniProt Protein Name             | Cell surface A33 antigen         |
| UniProt Gene Name                | GPA33                            |
| UniProt Entry Name               | GPA33_HUMAN                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.