

Rabbit anti-Human, Mouse GPA33 Polyclonal Antibody | anti-GPA33 antibody

GPA33 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327386	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

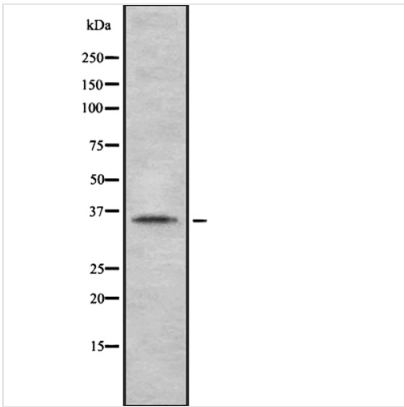
PRODUCT SYNONYMS

GPA33; Polyclonal Antibody; GPA33 Antibody; A33; Cell surface A33 antigen; Cell surface A33 antigen precursor; Glycoprotein A33 (transmembrane); Glycoprotein A33; Gpa33; GPA33_HUMAN; MGC129986; MGC129987; OTTHUMP00000032346; Transmembrane glycoprotein A33; anti-GPA33 antibody

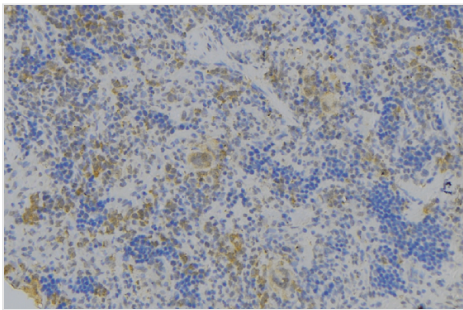
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GPA33 antibody detects endogenous levels of total GPA33
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	319
Applicable Applications for anti-GPA33 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPA33
Subcellular Location	Membrane.
Tissue Specificity	Expressed in normal gastrointestinal epithelium and in 95% of colon cancers.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Bovine (91%), Horse (82%), Sheep (91%), Rabbit (91%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis GPA33 using HT29 whole cell lysates



IHC (Immunohistochemistry)
AAA327386 at 1/100 staining Human lymph node tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-GPA33 antibody	Function: May play a role in cell-cell recognition and signaling. Post-translational Modifications: N-glycosylated, contains approximately 8 kDa of N-linked carbohydrate. Palmitoylated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031561
NCBI GeneID	10223
NCBI Accession #	NP_005805.1
NCBI GenBank Nucleotide #	NM_005814.2
UniProt Accession #	Q99795; Q5VZP6
Molecular Weight	Observed: 36 kDa Predicted: 36 kDa
NCBI Official Full Name	cell surface A33 antigen
NCBI Official Synonym Full Names	glycoprotein A33
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpa33-antibody-immunohistochemistry-western-blot-elisa/327386>