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GPA33 Rabbit pAb

Catalog # AP98727

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q99795
Other Accession	Q99795
Reactivity	Rat, Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35632
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPA33
Epitope Specificity	151-280/319
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	N-glycosylated, contains approximately 8 kDa of N-linked carbohydrate. Palmitoylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	10223
Other Names	A33; GPA33_HUMAN; GPA33; Glycoprotein A33; glycoprotein A33 (transmembrane)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GPA33
Function	May play a role in cell-cell recognition and signaling.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in normal gastrointestinal epithelium and in 95% of colon cancers

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.