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MUC17 Rabbit pAb

Catalog # AP98351

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q685J3
Other Accession	Q685J3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	451741
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MUC17
Epitope Specificity	4201-4493/4493
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 EGF-like domain. Contains 1 SEA domain.
Post-translational modifications	Probably cleaved within the SEA domain. N-glycosylated. Contains high mannose and complex-type glycans. The forms containing the complex type glycans localize to the cell surface. Not O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Membrane mucins, such as MUC17, function in epithelial cells to provide cytoprotection, maintain luminal structure, provide signal transduction, and confer antiadhesive properties upon cancer cells that lose their apical/basal polarization.[supplied by OMIM, Apr 2004]

Additional Information

Gene ID	140453
Other Names	MUC-17; MUC-3; MUC3; MUC17_HUMAN; MUC17; Small intestinal mucin-3 (MUC-3); mucin 17, cell surface associated
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	MUC17

Synonyms	MUC3
Function	Probably plays a role in maintaining homeostasis on mucosal surfaces.
Cellular Location	[Isoform 1]: Cell membrane; Single-pass membrane protein
Tissue Location	Expressed almost exclusively in the intestine. Expression is especially high in both the duodenum and transverse colon. Expressed in mature absorptive cells of the small intestinal villi. No expression is detected in goblet cells. Highly expressed in pancreatic adenocarcinoma tissue (at protein level). Expression is not detectable in normal pancreas, in pancreatitis or in cell lines derived from other cancers.

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