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mucin3/MUC3 Rabbit pAb

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Catalog # AP55906

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q02505
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	345127
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human mucin3
Epitope Specificity	1501-1600/1719
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform 1: Membrane; Single-pass membrane protein. Isoform 2: Secreted. Isoform 3: Secreted. Isoform 4: Secreted. Isoform 5: Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MUC3 (Mucin 3) is an intestinal glycoprotein distributed in the colon and rectum, and to a lesser extent in breast, lung and salivary tissues. It is involved in conferring mucous visoelasticity.

Additional Information

Gene ID	4584
Other Names	Mucin-3A, MUC-3A, Intestinal mucin-3A, MUC3A (HGNC:7513)
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	MUC3A (HGNC:7513)
Function	Major glycoprotein component of a variety of mucus gels. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. May be involved in ligand binding and intracellular

	signaling.
Cellular Location	[Isoform 1]: Membrane; Single-pass membrane protein [Isoform 3]: Secreted [Isoform 5]: Secreted.
Tissue Location	Broad specificity; small intestine, colon, colonic tumors, heart, liver, thymus, prostate, pancreas and gall bladder

Background

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