

mucin3/MUC3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55906**Specification****mucin3/MUC3 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q02505
Host	Rabbit
Clonality	Polyclonal
Calculated MW	264 KDa
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.
SIMILARITY	Contains 1 EGF-like domain. Contains 1 SEA domain.
Post-translational modifications	Highly O-glycosylated and probably also N-glycosylated.
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 viscoelasticity.

mucin3/MUC3 Polyclonal Antibody - Additional Information

Gene ID 4584

Other Names

Mucin-3A, MUC-3A, Intestinal mucin-3A, MUC3A (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=7513)
HGNC:7513

Target/Specificity

Broad specificity; small intestine, colon, colonic tumors, heart, liver, thymus, prostate, pancreas and gallbladder.

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
E ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

mucin3/MUC3 Polyclonal Antibody - 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

mucin3/MUC3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

mucin3/MUC3 Polyclonal Antibody - Images