

MUC2 Polyclonal Antibody

Catalog No. E-AB-70212

Note: Centrifuge before opening to ensure complete recovery of vial contents.

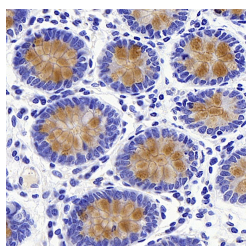
Description

Reactivity	Human,Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Muc2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

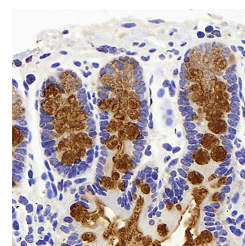
Applications Recommended Dilution

IHC 1:500-1:2000

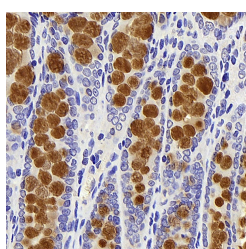
Data



Immunohistochemistry analysis of paraffin-embedded human colon using MUC2 Polyclonal Antibody at dilution of 1:600.



Immunohistochemistry analysis of paraffin-embedded mouse colon using MUC2 Polyclonal Antibody at dilution of 1:600.



Immunohistochemistry analysis of paraffin-embedded rat colon using MUC2 Polyclonal Antibody at dilution of 1:600.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by

For Research Use Only

many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The protein polymerizes into a gel of which 80% is composed of oligosaccharide side chains by weight. The protein features a central domain containing tandem repeats rich in threonine and proline that varies between 50 and 115 copies in different individuals. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.