

# MUC4 Rabbit Polyclonal Antibody

OPR9825

<b>Reactivity</b>	H, M, R	<b>Storage</b>	-20°C, Avoid freeze / thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	WB;ELISA
<b>Isotype</b>	IgG	<b>Concentration</b>	1 mg/mL

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

## Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from human protein. at AA range: 1970-2050
<b>Human Swiss-Prot Number</b>	Q99102

## Product Information

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000, ELISA 1:5000-20000.
<b>Observed MW</b>	238 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

## Background

The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats.

## Research Use

For research use only, not for use in diagnostic procedures.

## Legend

**Applications:** WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

**Reactivity:** H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow,Bv- Bovine.

Please contact Origin Diagnostics and Research for further assistance

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