

## MUC4

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:2000

**Calculated MW:**232kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human MUC4

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ASGP; MUC-4; HSA276359;

**Catalog #:**A5593

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4585

**Isotype:**IgG

**Swiss Prot:**Q99102

**Purity:**Affinity purification

For research use only.

**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 (&gt;100) of 48 nt tandem repeats.

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