

**Anti-Human/Mouse MUC20 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA12474**

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3th Edition

**Description:** This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The shorter isoform expressed by this gene is localized to the plasma membrane, whereas the longer isoform might be secreted. The C terminus of this protein associates with the multifunctional docking site of the met proto-oncogene and suppresses activation of some downstream met signaling cascades. The protein features a tandem repeat domain that varies between 2 and 6 copies in most individuals. The allele represented in the human reference assembly contains 12 copies. Multiple transcript variants encoding different isoforms have been found for this gene.

**Antigen:** Recombinant protein of human MUC20

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Highly expressed in kidney, moderately in placenta, lung, prostate, liver, and digestive system. In the kidney, localized in the proximal tubules but not in the glomerulus or distal tubules. Detected in most of the male urogenital tract epithelia, with the exception of epididymis.