

## KRT20 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20533b

## **Specification**

## KRT20 Antibody (C-term) - Product Information

Application WB.E **Primary Accession** P35900 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 48487 Antigen Region 377-401

## KRT20 Antibody (C-term) - Additional Information

#### **Gene ID 54474**

## **Other Names**

Keratin, type I cytoskeletal 20, Cytokeratin-20, CK-20, Keratin-20, K20, Protein IT, KRT20

# Target/Specificity

This KRT20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 377-401 amino acids from the C-terminal region of human KRT20.

#### **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

KRT20 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## KRT20 Antibody (C-term) - Protein Information

## Name KRT20

**Function** Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine (By



similarity).

# **Cellular Location** Cytoplasm

#### **Tissue Location**

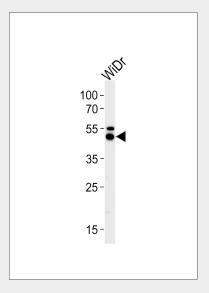
Expressed predominantly in the intestinal epithelium. Expressed in luminal cells of colonic mucosa. Also expressed in the Merkel cells of keratinized oral mucosa; specifically at the tips of some rete ridges of the gingival mucosa, in the basal layer of the palatal mucosa and in the taste buds of lingual mucosa

# KRT20 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# KRT20 Antibody (C-term) - Images



KRT20 Antibody (C-term) (Cat. #AP20533b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the KRT20 antibody detected the KRT20 protein (arrow).

## KRT20 Antibody (C-term) - Background

Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine (By similarity).

# KRT20 Antibody (C-term) - References

Moll R., et al. Differentiation 53:75-93(1993).





Ota T., et al. Nat. Genet. 36:40-45(2004). Zhou Q., et al. J. Biol. Chem. 281:16453-16461(2006). Calnek D., et al. Differentiation 53:95-104(1993). Moll R., et al. J. Cell Biol. 111:567-580(1990).