

**Cytokeratin 20**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22417a****Specification**

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**Cytokeratin 20 - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">P35900</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	48487

**Cytokeratin 20 - 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 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.

**Dilution**

WB~~1:1000

IHC-P~~1ug/ml

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**

Cytokeratin 20 is for research use only and not for use in diagnostic or therapeutic procedures.

**Cytokeratin 20 - 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

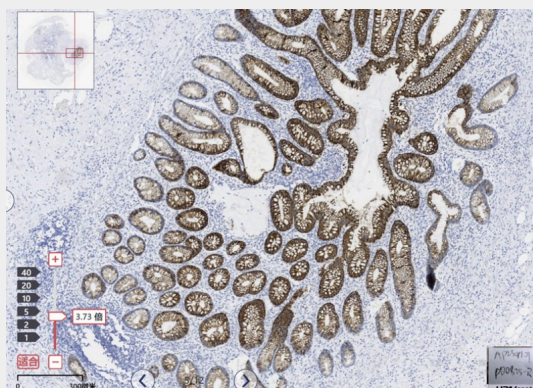
Expressed predominantly in the intestinal epithelium. Expressed in luminal cells of colonic mucosa. Also expressed in the Merkel cells of keratinized oral mucosa; specifically at the tips of some rete ridges of the gingival mucosa, in the basal layer of the palatal mucosa and in the taste buds of lingual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

## Cytokeratin 20 - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Cytokeratin 20 - Images



Immunohistochemical analysis of paraffin-embedded Human appendicitis tissue using Cytokeratin 20 antibody performed on the Abcarta® FAIP-48T Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems□Abcepta:ADR005□ was used as the secondary antibody.

## Cytokeratin 20 - 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).

## Cytokeratin 20 - 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).