

# Cytokeratin 10 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51305

## Product Information

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<b>Application</b>	WB, ICC, IHC-P
<b>Primary Accession</b>	<a href="#">P13645</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	58827

## Additional Information

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<b>Gene ID</b>	3858
<b>Other Names</b>	Keratin, type I cytoskeletal 10, Cytokeratin-10, CK-10, Keratin-10, K10, KRT10, KPP
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytokeratin 10. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000 ICC~~N/A IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	KRT10
<b>Synonyms</b>	KPP
<b>Function</b>	Plays a role in the establishment of the epidermal barrier on plantar skin (By similarity). Involved in the maintenance of cell layer development and keratin filament bundles in suprabasal cells of the epithelium (By similarity).
<b>Cellular Location</b>	Secreted, extracellular space. Cell surface. Cytoplasm
<b>Tissue Location</b>	Seen in all suprabasal cell layers including stratum corneum. Expressed on the surface of lung cell lines (PubMed:19627498). Localized on the surface of desquamated nasal epithelial cells (at protein level) (PubMed:12427098)

## References

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Zhou X.M.,et al.J. Biol. Chem. 263:15584-15589(1988).  
Rieger M.,et al.J. Mol. Biol. 204:841-856(1988).  
Zody M.C.,et al.Nature 440:1045-1049(2006).  
Darmon M.Y.,et al.Mol. Biol. Rep. 12:277-283(1987).  
Rothnagel J.A.,et al.J. Invest. Dermatol. 102:13-16(1994).

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