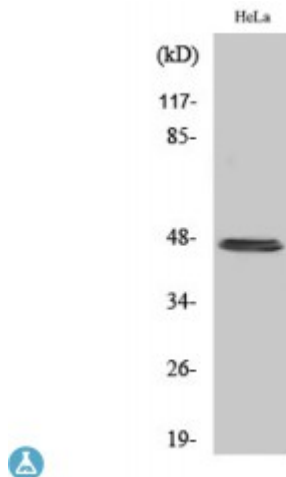


Anti-Cytokeratin 20 antibody



Description	Rabbit polyclonal to Cytokeratin 20.
Model	STJ92635
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Cytokeratin 20
Immunogen Region	350-430 aa, C-terminal
Gene ID	54474
Gene Symbol	KRT20
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Cytokeratin 20 Polyclonal Antibody detects endogenous levels of Cytokeratin 20 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Keratin, type I cytoskeletal 20 Cytokeratin-20 CK-20 Keratin-20 K20 Protein IT

Molecular Weight	49 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20412OMIM:608218
Alternative Names	Keratin, type I cytoskeletal 20 Cytokeratin-20 CK-20 Keratin-20 K20 Protein IT
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 .
Cellular Localization	Cytoplasm
Post-translational Modifications	Hyperphosphorylation at Ser-13 occurs during the early stages of apoptosis but becomes less prominent during the later stages. Phosphorylation at Ser-13 also increases in response to stress brought on by cell injury . Proteolytically cleaved by caspases during apoptosis. Cleavage occurs at Asp-228.