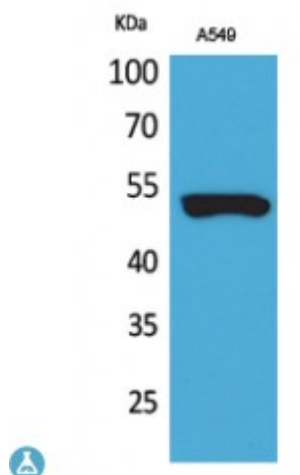


## Anti-Cytokeratin 8 antibody



<b>Description</b>	Rabbit polyclonal to Cytokeratin 8.
<b>Model</b>	STJ96693
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human Cytokeratin 8 around the non-acetylation site of K483.
<b>Gene ID</b>	<a href="#">3856</a>
<b>Gene Symbol</b>	<a href="#">KRT8</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000
<b>Specificity</b>	Cytokeratin 8 Polyclonal Antibody detects endogenous levels of Cytokeratin 8 protein.
<b>Tissue Specificity</b>	Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Keratin, type II cytoskeletal 8 Cytokeratin-8 CK-8 Keratin-8 K8 Type-II keratin Kb8
<b>Molecular Weight</b>	53 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6446OMIM:148060</a>
<b>Alternative Names</b>	Keratin, type II cytoskeletal 8 Cytokeratin-8 CK-8 Keratin-8 K8 Type-II keratin Kb8
<b>Function</b>	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
<b>Cellular Localization</b>	Cytoplasm Nucleus, nucleoplasm Nucleus matrix
<b>Post-translational Modifications</b>	Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation.; O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.

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