

# Keratin 8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50635

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P05787</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Calculated MW</b>	53704

## Additional Information

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<b>Gene ID</b>	3856
<b>Other Names</b>	Keratin, type II cytoskeletal 8, Cytokeratin-8, CK-8, Keratin-8, K8, Type-II keratin Kb8, KRT8, CYK8
<b>Dilution</b>	WB~~1:1000 IHC~~1:50-1:100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	KRT8
<b>Synonyms</b>	CYK8
<b>Function</b>	Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.
<b>Cellular Location</b>	Cytoplasm. Nucleus, nucleoplasm {ECO:0000250 UniProtKB:Q10758}. Nucleus matrix {ECO:0000250 UniProtKB:Q10758}
<b>Tissue Location</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.

## Background

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Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated

muscle.

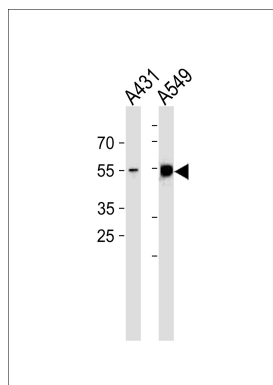
## References

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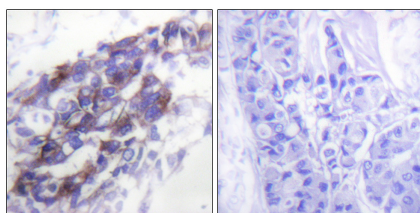
Krauss S.,et al.Gene 86:241-249(1990).  
Yamamoto R.,et al.Mol. Endocrinol. 4:370-374(1990).  
Waseem A.,et al.New Biol. 2:464-478(1990).  
Ku N.-O.,et al.J. Biol. Chem. 272:7556-7564(1997).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images

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Western blot analysis of lysates from A431,A549 cell line (from left to right),using Keratin 8 Antibody(AP50635). AP50635 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 8 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.