



# Cytokeratin 8 rabbit pAb

Cat No.:ES6031

For research use only

## Overview

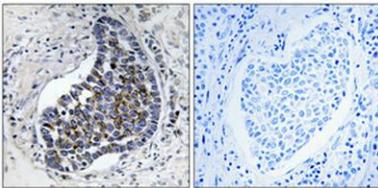
<b>Product Name</b>	Cytokeratin 8 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Keratin 8. AA range:434-483
<b>Specificity</b>	Cytokeratin 8 Polyclonal Antibody detects endogenous levels of Cytokeratin 8 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Keratin type II cytoskeletal 8
<b>Gene Name</b>	KRT8
<b>Cellular localization</b>	Cytoplasm . Nucleus, nucleoplasm . Nucleus matrix .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	55kD
<b>Human Gene ID</b>	3856
<b>Human Swiss-Prot Number</b>	P05787
<b>Alternative Names</b>	KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8
<b>Background</b>	keratin 8(KRT8) Homo sapiens This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II



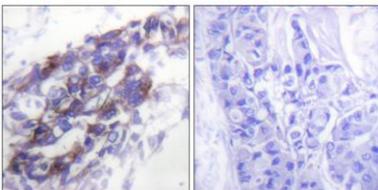


keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012],

Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbe

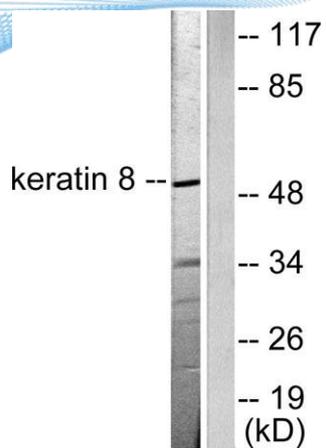


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 8 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from SKOV3 cells, using Keratin 8 Antibody. The lane on the right is blocked with the synthesized peptide.



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