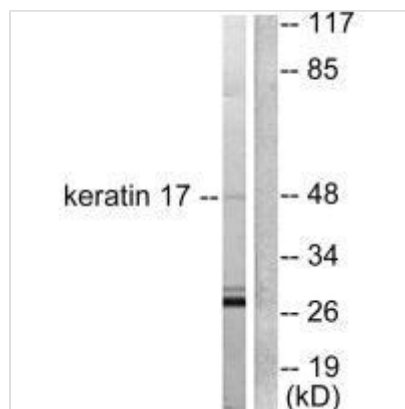


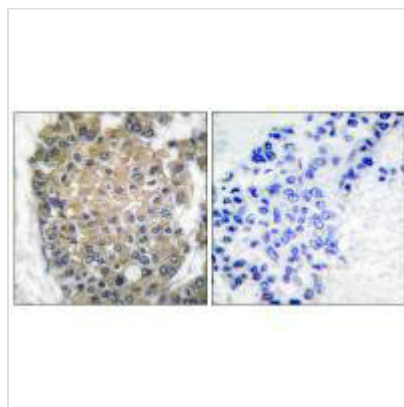


KRT17 Antibody

Product Code	CSB-PA442800
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q04695
Immunogen	Synthesized peptide derived from Human keratin 17.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total keratin 17 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	May play a role in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial stem cells". May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation. Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway. Involved in tissue repair By similarity. M Rosenberg, Mol. Cell. Biol., Feb 1988; 8: 722 - 736. SM Troyanovsky, J. Cell Sci., Jul 1989; 93: 419. Kevin M. McGowan, Genes & Dev., Jun 2002; 16: 1412. Nicholas Bianchi, Mol. Cell. Biol., Aug 2005; 25: 7249 - 7259."
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; K17
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KRT17
Image	



Western blot analysis of extracts from HuvEc cells, using keratin 17 antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using keratin 17 antibody.



Immunofluorescence analysis of HepG2 cells, using keratin 17 antibody.