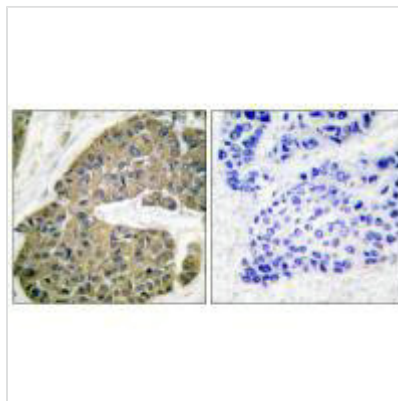


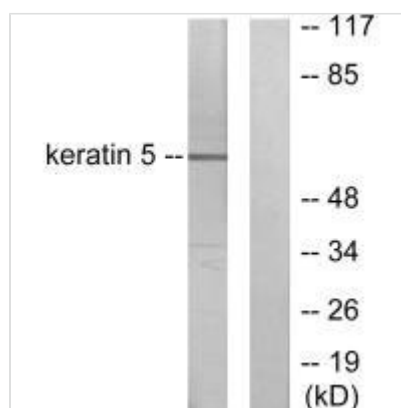


KRT5 Antibody

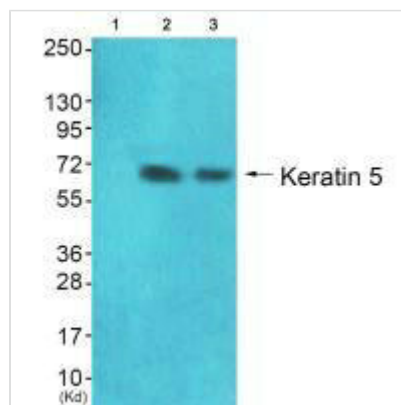
Product Code	CSB-PA173763
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P13647
Immunogen	Synthesized peptide derived from Human Keratin 5.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total Keratin 5 protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100
Relevance	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. Bettina Peters, Mol. Biol. Cell, Jun 2001; 12: 1775. J Casatorres, J. Biol. Chem., Aug 1994; 269: 20489 - 20496. Karin M?er-Decker, Am. J. Pathol., Feb 2005; 166: 575 - 584. Angel Ram?z, Genetics, May 2001; 158: 341.
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 II cytoskeletal 5; Cytokeratin-5; CK-5; K5; 58 kDa cytokeratin
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KRT5
Image	



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Keratin 5 antibody.



Western blot analysis of extracts from HepG2 cells, using Keratin 5 antibody.



Western blot analysis of extracts from 293 cells (Lane 2) and HepG2 cells (Lane 3), using Keratin 5 antibody. The lane on the left is treated with synthesized peptide.