

Datasheet for ABIN1533326

anti-Cytokeratin 5 antibody (AA 541-590)



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2 Images

Overview

Quantity:	100 µL
Target:	Cytokeratin 5 (KRT5)
Binding Specificity:	AA 541-590
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Keratin 5.
Isotype:	IgG
Specificity:	Keratin 5 Antibody detects endogenous levels of total Keratin 5 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Cytokeratin 5 (KRT5)
Alternative Name:	Keratin 5 (KRT5 Products)
Background:	Synonyms: Keratin, type II cytoskeletal 5, Cytokeratin-5, CK-5, K5, 58 kDa cyokeratin

Target Details

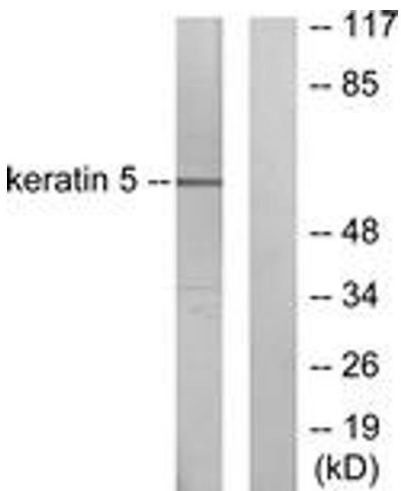
	NCBI Gene Symbol: KRT5
Molecular Weight:	62 kDa
Gene ID:	3852
OMIM:	131760
UniProt:	P13647

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.433845 (NCBI Gene Symbol: KRT5)
Restrictions:	For Research Use only

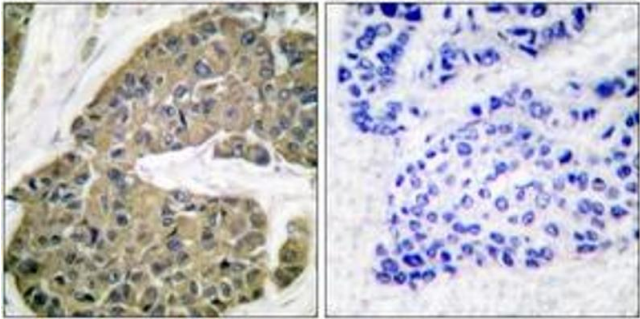
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using Keratin 5 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 5 Antibody. The picture on the right is treated with the synthesized peptide.