

Cytokeratin 8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02478
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Keratin 8. AA range:434-483
Mol wt	53573
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Cytokeratin 8 Antibody
Synonyms	KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

KRT8 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 KRT8 typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. Keratin 8 plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in KRT8 cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for KRT8.

Recommended Dilution

WB: 1: 500 - 1: 2000

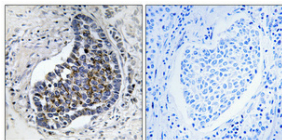
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

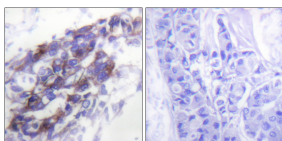
ELISA: 1: 40000

Not yet tested in other applications.

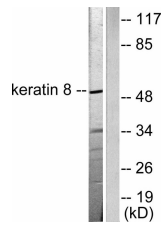
Images



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) obtained from antibody was pre-absorbed by immunogen peptide.



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



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

Storage

-20°C for one year

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