

## Cytokeratin 8 (phospho Ser432) Polyclonal Antibody

Catalog No: #13932



Package Size: #13932-1 50ul #13932-2 100ul

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## Description

Product Name	Cytokeratin 8 (phospho Ser432) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Cytokeratin 8 (S432) Polyclonal Antibody detects endogenous levels of Cytokeratin 8 protein only when phosphorylated at S432.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Keratin 8 around the phosphorylation site of Ser432. AA range:401-450
Other Names	KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8
Accession No.	Swiss Prot:P05787GeneID:3856
Uniprot	P05787
GeneID	3856
SDS-PAGE MW	53
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

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.

## Background

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],

Note: This product is for in vitro research use only