

# [KO Validated] Cytokeratin 8 Rabbit pAb

Catalog No.: A24434  Validated

## Basic Information

**Observed MW**

54 kDa

**Calculated MW**

54 kDa/56 kDa

**Category**

Primary antibody

**Applications**

WB

**Cross-Reactivity**

Human, Mouse

## Background

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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

**Gene ID**

3856

**Swiss Prot**

P05787

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

K8; KO; CK8; CK-8; CYK8; K2C8; CARD2; 8

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

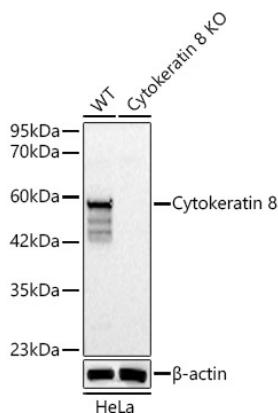
Affinity purification

**Storage**

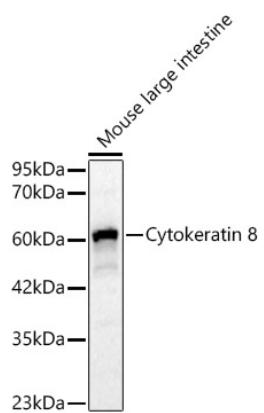
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type(WT) and Cytokeratin 8 knockout (KO) HeLa cells, using Cytokeratin 8 Rabbit pAb (A24434) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 0.5s.



Western blot analysis of lysates from Mouse large intestine, using Cytokeratin 8 Rabbit pAb (A24434) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.