

Datasheet for ABIN7268098

anti-Cytokeratin 18 antibody (AA 127-430)

5 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 127-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Cytokeratin 18 (KRT18) Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 127-430 of human Cytokeratin 18 (KRT18) (NP_000215.1).
Sequence:	SHYFKIIEDL RAQIFANTVD NARIVLQIDN ARLAADDFRV KYETELAMRQ SVENDIHGLR KVIDDTNITR LQLETEIEAL KEELLFMKKN HEEVKGLQA QIASSGLTVE VDAPKSQDLA KIMADIRAQY DELARKNREE LDKYWSQQIE ESTTVVTTQS AEVGAAETTL TELRRTVQSL EIDLDSMRNL KASLENSLRE VEARYALQME QLNGILLHLE SELAQTRAEG QRQAQEYEAL LNIKVKLEAE IATYRRILLED GEDFNLGDAL DSSNSMQTIQ KTTTRRIVDG KVVSETNDTK VLRH
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: Cytokeratin 18 (KRT18)

Alternative Name: KRT18 ([KRT18 Products](#))

Background: KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.,KRT18,CK-18,CYK18,K18,keratin 18,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Cytoskeleton,Intermediate Filaments,Extracellular Matrix,Cytokeratin,Keratin,KRT18

Molecular Weight: 48kDa

Gene ID: 3875

UniProt: [P05783](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

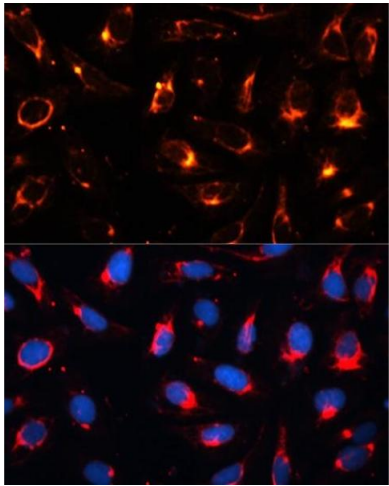
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

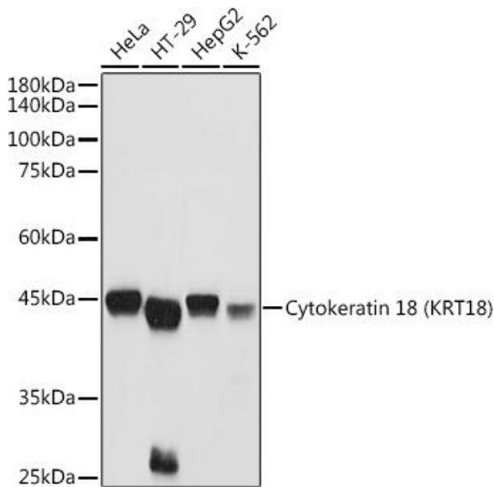
Storage: -20 °C

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



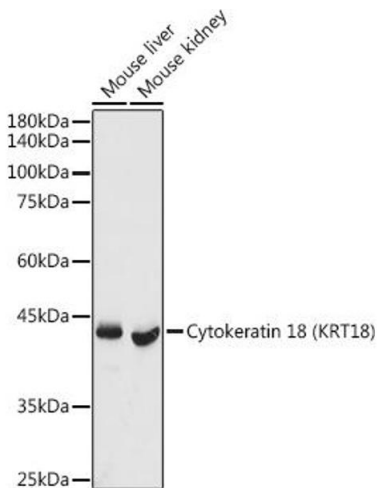
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using Cytokeratin 18 (KRT18) antibody (ABIN7268098) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Cytokeratin 18 (KRT18) antibody (ABIN7268098) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Cytokeratin 18 (KRT18) antibody (ABIN7268098) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10 s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7268098.