abcam

Product datasheet

Anti-KLLN antibody [EPR16934] ab197892

Recombinant   RabMAb

3 References   **4 Images**

Overview

Product name	Anti-KLLN antibody [EPR16934]
Description	Rabbit monoclonal [EPR16934] to KLLN
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa, MCF7, HCT116, Raw264.7, NIH3T3, PC12, C6 whole cell lysates. Human fetal brain and kidney tissue lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16934
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab197892 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

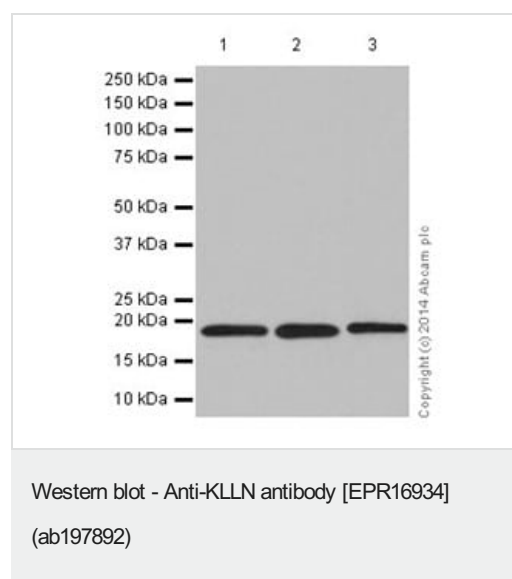| Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 20 kDa (predicted molecular weight: 20 kDa).

Target

Function	DNA-binding protein involved in S phase checkpoint control-coupled apoptosis by mediating p53/TP53-induced apoptosis. Has the ability to inhibit DNA synthesis and S phase arrest coupled to apoptosis. Has affinity to both double- and single-stranded DNA.
Cellular localization	Nucleus.

Images

Western blot - Anti-KLLN antibody [EPR16934] (ab197892)

All lanes : Anti-KLLN antibody [EPR16934] (ab197892) at 1/2000 dilution

Lane 1 : HeLa (Human epithelial cells from cervix adenocarcinoma) whole cell lysate

Lane 2 : MCF7 (Human breast adenocarcinoma cell line) whole cell lysate

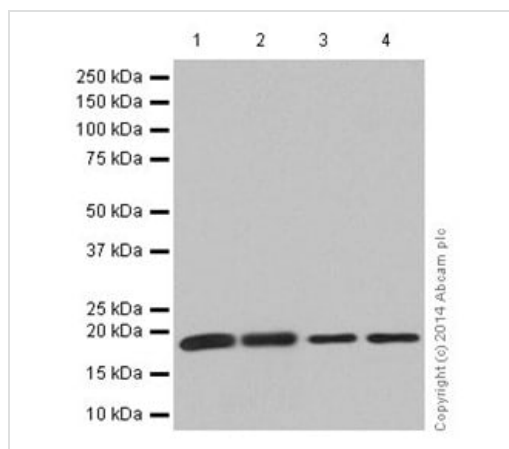**Lane 3 :** HCT 116 (Human colorectal carcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 20 kDa

Exposure time: 3 minutes

Western blot - Anti-KLLN antibody [EPR16934] (ab197892)

All lanes : Anti-KLLN antibody [EPR16934] (ab197892) at 1/1000 dilution

Lane 1 : C6 (Rat glial tumor cells) whole cell lysate

Lane 2 : Raw264.7 (Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysate

Lane 3 : PC12 (Rat adrenal gland pheochromocytoma) whole cell lysate

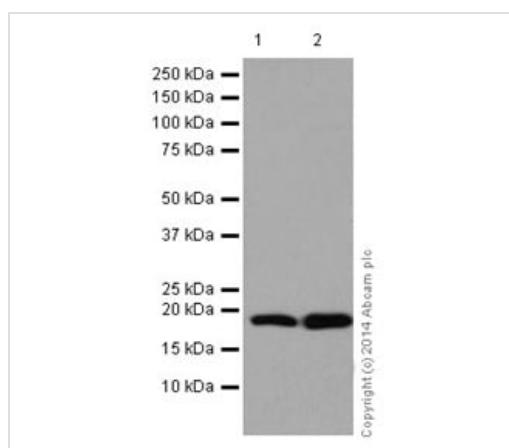**Lane 4 :** NIH/3T3 (Mouse embyro fibroblast cells) whole cell lysate

Lysates/proteins at 10 μg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 20 kDa

Exposure time: 3 minutes

Western blot - Anti-KLLN antibody [EPR16934] (ab197892)

All lanes : Anti-KLLN antibody [EPR16934] (ab197892) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Human fetal kidney lysate

Lysates/proteins at 10 μg per lane.

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 20 kDa

Exposure time: 3 minutes

Blocking/dilution buffer: 5% NFDM/TBST

Anti-KLLN antibody [EPR16934] (ab197892)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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