

Product datasheet

KLC1 overexpression 293T lysate (whole cell) ab94276

[1 References](#) [2 Images](#)

Overview

Product name	KLC1 overexpression 293T lysate (whole cell)
General notes	ab94276 is a 293T cell transfected lysate in which Human Kinesin 2 has been transiently over-expressed using a pCMV-Kinesin 2 plasmid. The lysate is provided in 1X Sample Buffer.
Tested applications	Suitable for: WB

Properties

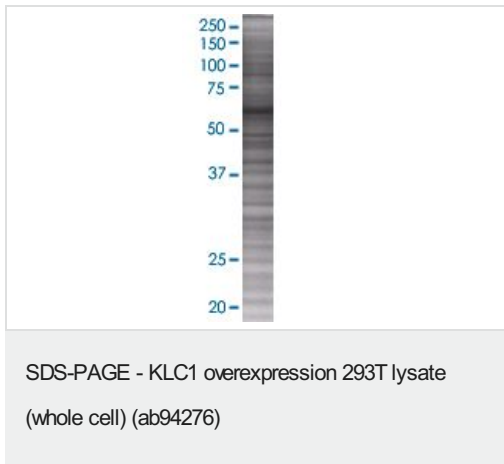
Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity. Tissue specificity: Found in a variety of tissues. Mostly abundant in brain and spine. Similarity: Belongs to the kinesin light chain family. Contains 6 TPR repeats. PTM: Isoform I is phosphorylated on Ser-600. Isoform J is phosphorylated on Ser-631.

Applications

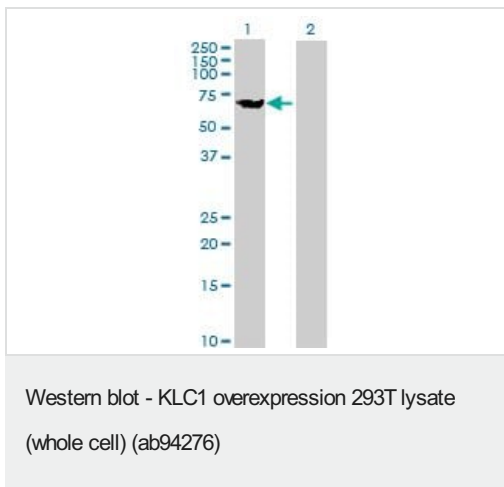
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94276 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94276 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-KLC1 antibody (**ab88095**) at 1/500 dilution

Lane 1 : KLC1 overexpression 293T lysate (whole cell) (ab94276)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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