

Product datasheet

E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein ab2431

[3 References](#) [1 Image](#)

Overview

Product name	E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein
General notes	This lysate can be used as a positive control for Western blots using lysates containing 6X-His tagged proteins.
Tested applications	Suitable for: WB

Properties

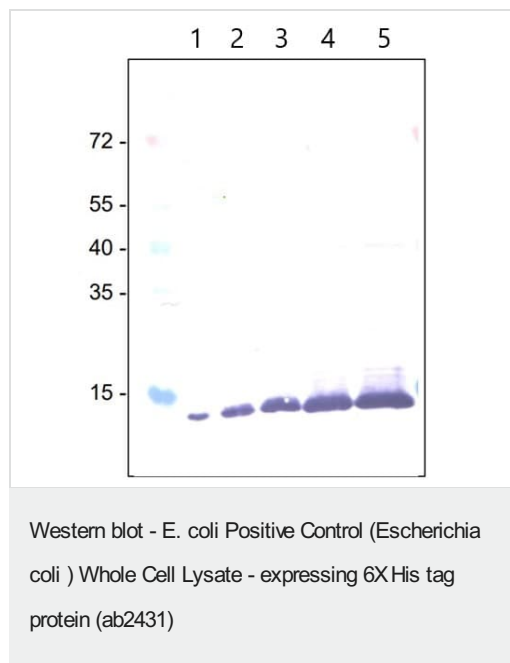
Mycoplasma free	Yes
Form	Lyophilized:After the lyophilised pellet is dissolved in 250 ul SDS-gel sample buffer (1 mg/ml protein lysate) it can be used direct for sample loading and then stored at -20°C. The sample can be reused several times
Storage instructions	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Lysate notes	The cell lysate was prepared from E.coli (Tuner [De3]) expressing a 14.2 kDa protein containing a C-terminal 6xHis tag.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab2431 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 concentration. This E. coli (strain BL21)lysate contains a recombinant C-terminal 6x-His tagged protein of 17 kDa. The his-tagged protein is monomeric and will be detected under reducing and non-reducing conditions. Use 5-20 µg per lane of a mini-gel at 12-15 % SDS-PAGE. After the lyophilised pellet is dissolved in 250 µl SDS-gel sample buffer (1 mg/ml protein lysate) it can be used direct for

Images



All lanes : Rabbit anti-His-tag antibody

Lane 1 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein (ab2431) at 2 µg

Lane 2 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein (ab2431) at 5 µg

Lane 3 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein (ab2431) at 10 µg

Lane 4 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein (ab2431) at 15 µg

Lane 5 : E. coli Positive Control (Escherichia coli) Whole Cell Lysate - expressing 6X His tag protein (ab2431) at 20 µg

Secondary

All lanes : Goat anti-rabbit antibody (AP-conjugated)

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