

Product datasheet

Anti-DTX3L antibody ab58021

1 Image

Overview

Product name	Anti-DTX3L antibody
Description	Mouse monoclonal to DTX3L
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 3-111 of Human DTX3L

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab58021** in the following tested applications.

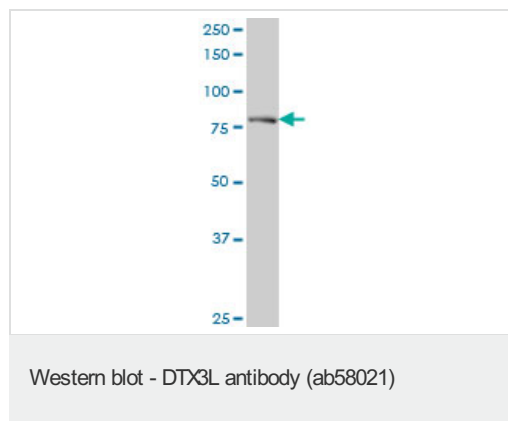
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 84 kDa.

Target

Function	Ubiquitin ligase that mediates monoubiquitination of 'Lys-91' of histone H4 (H4K91ub1), in response to DNA damage. Protects cells exposed to DNA-damaging agents. The exact role of H4K91ub1 in DNA damage response is still unclear but it may function as a licensing signal for additional histone H4 post-translational modifications such as H4 'Lys-20' methylation (H4K20me). Involved in the recruitment of 53BP1/TP53BP1 to sites of DNA damage by mediating H4K91ub1 formation.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the Deltex family. Contains 1 RING-type zinc finger.
Cellular localization	Cytoplasm. Nucleus.

Images



DTX3L antibody (ab58021) at 1ug/lane + A-431 cell lysate at 25ug/lane.

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