

Product datasheet

Anti-EXOSC3 antibody ab88859

[3 Images](#)

Overview

Product name	Anti-EXOSC3 antibody
Description	Mouse polyclonal to EXOSC3
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human EXOSC3. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	WB: Human pancreas tissue lysate; EXOSC3 transfected 293T cell lysate ICC/IF: HepG2 cell
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab88859 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 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 30 kDa).
ICC/IF		Use a concentration of 10 µg/ml.

Target

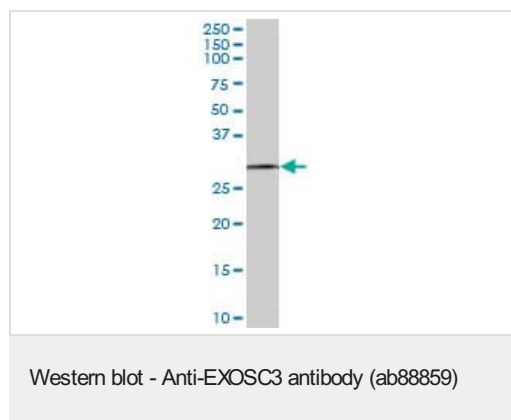
Relevance

EXOSC3 is a component of the exosome 3'->5' exoribonuclease complex, a complex that degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions. It is required for the 3' processing of the 7S pre-rRNA to the mature 5.8S rRNA. Has a 3'-5' exonuclease activity. [Swiss-Prot]

Cellular localization

Cytoplasm. Nucleus, nucleolus.

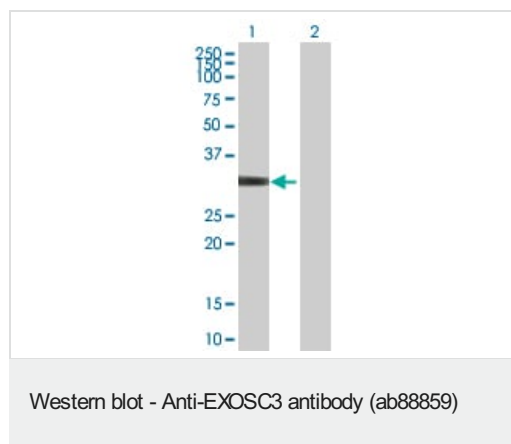
Images



Anti-EXOSC3 antibody (ab88859) at 1 µg/ml + human pancreas tissue lysate at 50 µg

Predicted band size: 30 kDa

Observed band size: 30 kDa



All lanes : Anti-EXOSC3 antibody (ab88859) at 1 µg/ml

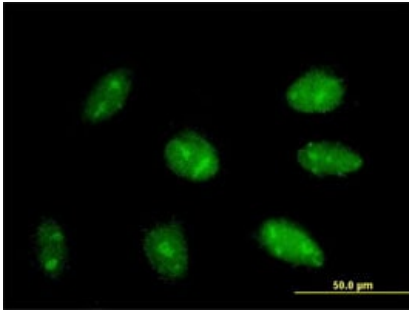
Lane 1 : lysate from EXOSC3 transfected 293T cells

Lane 2 : lysate from non transfected 293T cells

Lysates/proteins at 25 µg per lane.

Predicted band size: 30 kDa

Observed band size: 30 kDa



ab88859, at 10 $\mu\text{g/ml}$, staining EXOSC3 in paraformaldehyde fixed, permeabilized HepG2 cell by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-EXOSC3 antibody (ab88859)

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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