

Product datasheet

Anti-SNRPD3/Sm-D3 antibody [EPR7676] ab128857

Recombinant RabMAb

4 Images

Overview

Product name	Anti-SNRPD3/Sm-D3 antibody [EPR7676]
Description	Rabbit monoclonal [EPR7676] to SNRPD3/Sm-D3
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt or ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide within Human SNRPD3/Sm-D3 aa 1-100. The exact sequence is proprietary.
Positive control	Jurkat, 293T and Caco-2 cell lysates; 293T cells NIH/3T3 and HEK-293 lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

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: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR7676

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab128857 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 - 1/10000. Detects a band of approximately 14 kDa (predicted molecular weight: 14 kDa).

Application notes Is unsuitable for Flow Cyt or ICC/IF.

Target

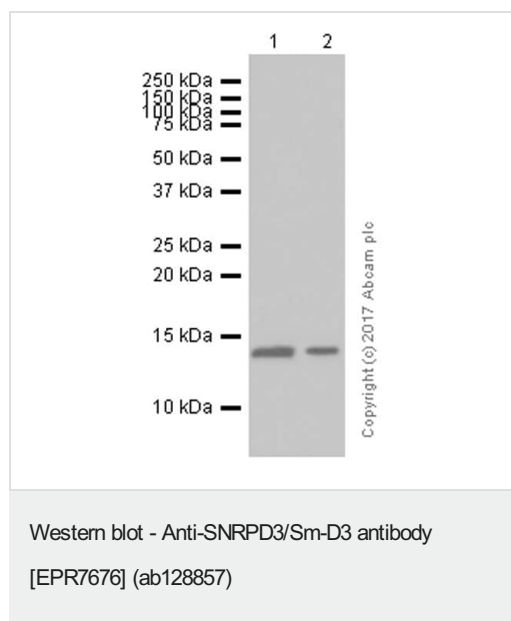
Function Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner.

Sequence similarities Belongs to the snRNP core protein family.

Post-translational modifications Methylated on arginine residues by PRMT5 and PRMT7; methylation is required for assembly and biogenesis of snRNPs.
Arg-97 is dimethylated, probably to asymmetric dimethylarginine.

Cellular localization Nucleus.

Images



All lanes : Anti-SNRPD3/Sm-D3 antibody [EPR7676] (ab128857) at 1/5000 dilution (purified)

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : HEK-293 (human epithelial cell line from embryonic kidney) whole cell lysate

Lysates/proteins at 20 µg per lane.

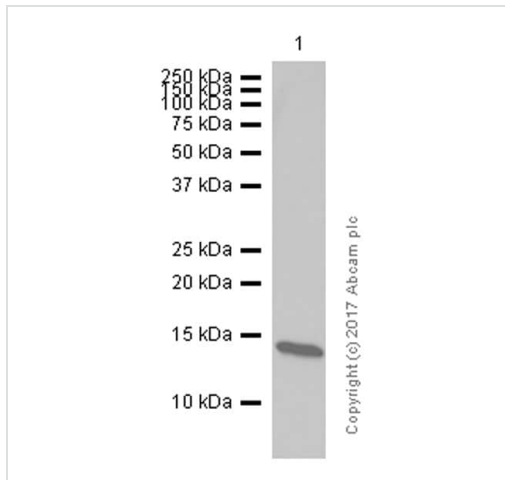
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 14 kDa

Observed band size: 14 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



Western blot - Anti-SNRPD3/Sm-D3 antibody
[EPR7676] (ab128857)

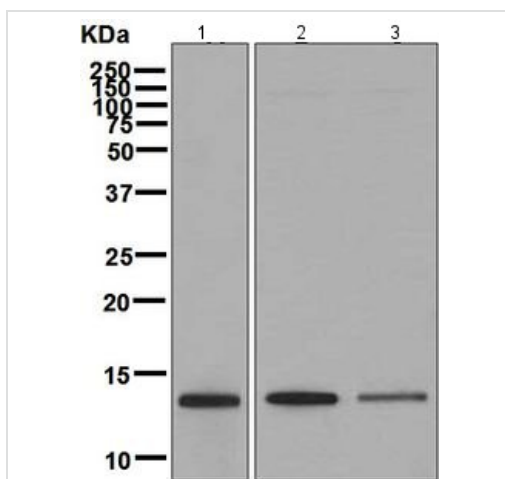
Anti-SNRPD3/Sm-D3 antibody [EPR7676] (ab128857) at 1/1000 dilution (purified) + NIH/3T3 (Mouse embryonic fibroblast) whole cell lysates at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 14 kDa

Blocking and diluting buffer: 5% NFDM/TBST



Western blot - Anti-SNRPD3/Sm-D3 antibody
[EPR7676] (ab128857)

All lanes : Anti-SNRPD3/Sm-D3 antibody [EPR7676] (ab128857) at 1/1000 dilution (unpurified)

Lane 1 : Jurkat cell lysate

Lane 2 : 293T cell lysate

Lane 3 : Caco-2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 14 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-SNRPD3/Sm-D3 antibody [EPR7676]
(ab128857)

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

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