


Product datasheet

Anti-PRMT8 antibody ab168134

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

Overview

Product name	Anti-PRMT8 antibody
Description	Mouse polyclonal to PRMT8
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Recombinant full length protein within Human PRMT8 aa 1-400. 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. Run BLAST with Run BLAST with
Positive control	PRMT8 transfected 293T cell lysate.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab168134 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. Predicted molecular weight: 45 kDa.

Target

Function

Membrane-associated arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA). Able to mono- and dimethylate EWS protein; however its precise role toward EWS remains unclear as it still interacts with fully methylated EWS.

Tissue specificity

Brain-specific.

Sequence similarities

Belongs to the protein arginine N-methyltransferase family. PRMT8 subfamily.

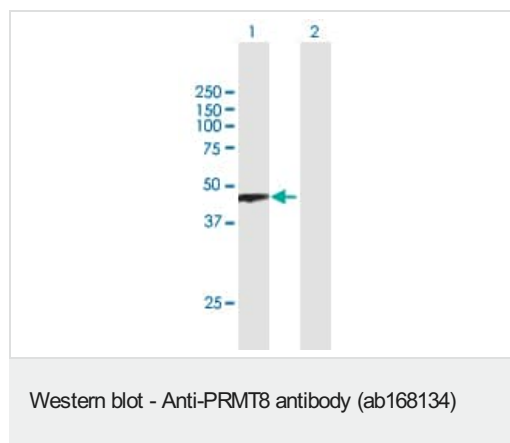
Domain

The SH3-binding motifs mediate the interaction with SH3 domain-containing proteins such as PRMT2 and FYN, possibly leading to displace the N-terminal domain and activate the protein. The N-terminal region (1-60) inhibits the enzymatic activity.

Cellular localization

Cell membrane.

Images



All lanes : Anti-PRMT8 antibody (ab168134) at 1 µg/ml

Lane 1 : PRMT8 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Predicted band size: 45 kDa

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

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