

Anti-MPG/AAG antibody ab196553

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

Overview

Product name	Anti-MPG/AAG antibody
Description	Rabbit polyclonal to MPG/AAG
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant full length protein corresponding to Human MPG/AAG. Database link: P29372
Positive control	MCF7, K562, U937 and mouse liver lysate. U20S cells.
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. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 49% PBS, 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine)</p> <p>PBS is without Mg²⁺ and Ca²⁺</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab196553 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
IHC-P		1/50 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 33 kDa.

Target

Function

Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

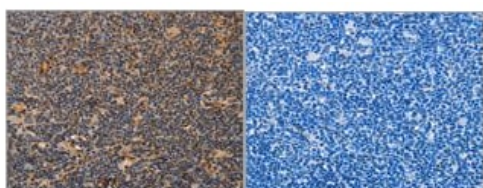
Sequence similarities

Belongs to the DNA glycosylase MPG family.

Cellular localization

Nucleus.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody (ab196553)

The image on the left is immunohistochemistry of paraffin-embedded Human Lymphoma tissue using ab196553 at dilution 1/40, the image on the right is treated with fusion protein.



Western blot - Anti-MPG/AAG antibody (ab196553)

All lanes : Anti-MPG/AAG antibody (ab196553) at 1/950 dilution

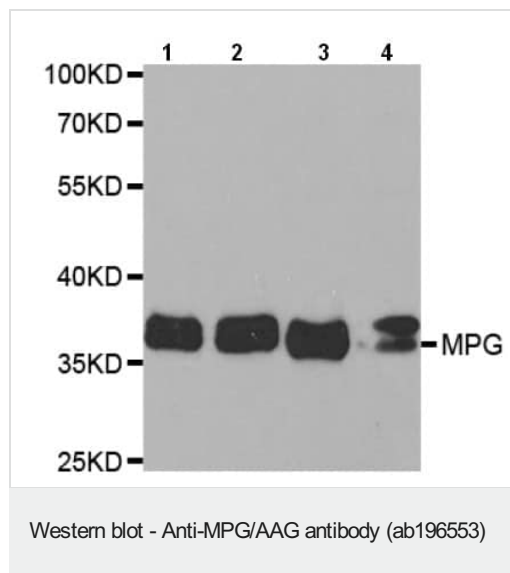
Lane 1 : Lovo cell lysate

Lane 2 : PC3 cell lysate

Secondary

All lanes : Goat anti rabbit IgG at 1/8000 dilution

Predicted band size: 33 kDa



All lanes : Anti-MPG/AAG antibody (ab196553) at 1/500 dilution

Lane 1 : MCF7 extract

Lane 2 : K562 extract

Lane 3 : U937 extract

Lane 4 : Mouse liver extract

Predicted band size: 33 kDa

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

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