

Product datasheet

Anti-MPG/AAG antibody ab196553

3 Images

Overview

Product name	Anti-MPG/AAG antibody
Description	Rabbit polyclonal to MPG/AAG
Host species	Rabbit
Specificity	This antibody detects endogenous level of total MPG/AAG protein.
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	This product was previously labelled as MPG

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

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: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine) PBS is without Mg ²⁺ and Ca ²⁺
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab196553** in the following tested applications.

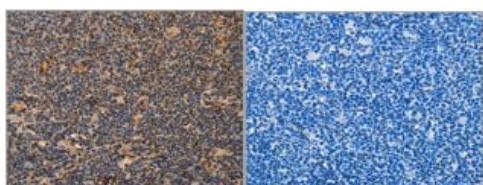
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/200.
WB		1/500 - 1/2000. Predicted molecular weight: 33 kDa.

Target

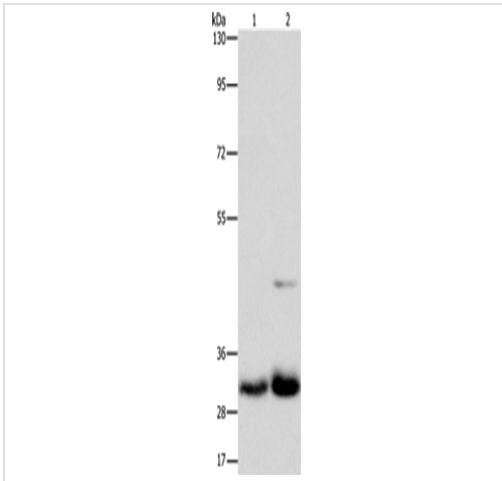
Function	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.
Sequence similarities	Belongs to the DNA glycosylase MPG family.
Cellular localization	Nucleus.

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

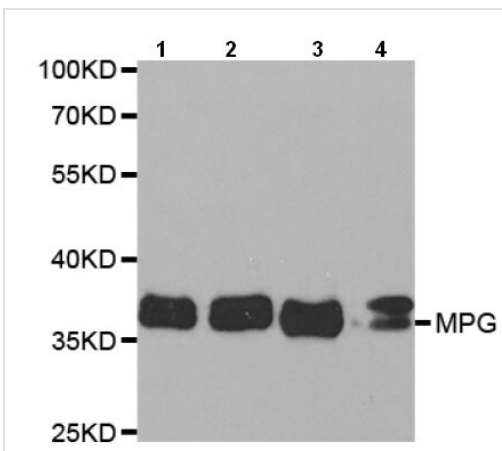
Lane 1 : Lovo cell lysate

Lane 2 : PC3 cell lysate

Secondary

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

Predicted band size: 33 kDa



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

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"

Our Abpromise to you: Quality guaranteed and expert technical support

- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors