




Product datasheet

Anti-PSMD12 antibody ab229930

2 Images

Overview

Product name	Anti-PSMD12 antibody
Description	Rabbit polyclonal to PSMD12
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow, Orangutan 
Immunogen	Recombinant fragment corresponding to Human PSMD12 aa 197-456. Sequence: KDYIRTQIISKKINTKFFQEENTEKLLKLYNLMIQLDQHEGS YLSICKH YRAYDTPCIQAESEKWQQALKSVVLYVILAPFDNEQSDLV HRISGDKKL EEIPKYDLLKLFITMELMRWSTLVEDYGMELRKGSLESP ATDVFGSTEE GEKRWKDLKNRVVEHNIRIMAKYYTRITMKRMAQLLDLSV DESEAFLSNL VVNKTIFAKVDRLAGIINFQRPKDPNLLNDWSQKLNSLMS LVNKTTHLIAKEEMIHNLQ Database link: O00232-1  Run BLAST with  Run BLAST with
Positive control	WB: U87 and HeLa whole cell lysates. IHC-P: Human gastric cancer tissue.
General notes	This product was previously labelled as 26S proteasome non-ATPase regulatory subunit 12

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: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab229930** in the following tested applications.

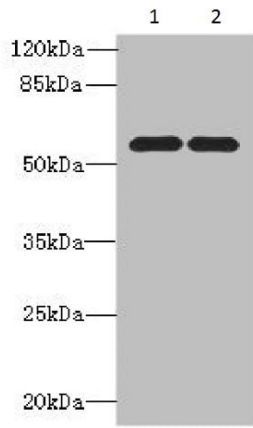
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
WB		1/1000 - 1/5000. Detects a band of approximately 53 kDa (predicted molecular weight: 53, 51 kDa).

Target

Function	Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.
Sequence similarities	Belongs to the proteasome subunit p55 family. Contains 1 PCI domain.

Images



Western blot - Anti-PSMD12 antibody (ab229930)

All lanes : Anti-PSMD12 antibody (ab229930) at 1/1000 dilution

Lane 1 : U87 whole cell lysate

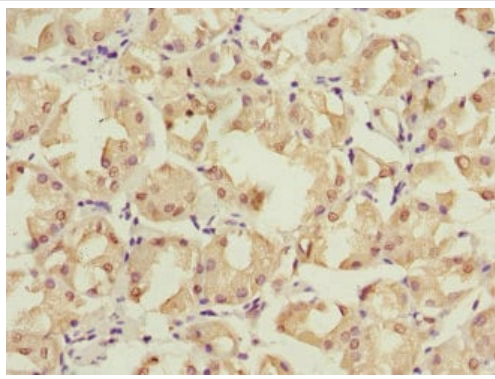
Lane 2 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Secondary

All lanes : Goat polyclonal to Rabbit IgG at 1/10000 dilution

Developed using the ECL technique.

Predicted band size: 53, 51 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSMD12 antibody (ab229930)

Paraffin-embedded human gastric cancer tissue stained for PSMD12 with ab229930 at a 1/100 dilution in immunohistochemical analysis.

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
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- 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.

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