


Product datasheet

Anti-Proteasome 19S S5A/ASF antibody ab154935

2 Images

Overview

Product name	Anti-Proteasome 19S S5A/ASF antibody
Description	Rabbit polyclonal to Proteasome 19S S5A/ASF
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Chicken, Cow, Dog, Pig, Xenopus laevis, Monkey, Xenopus tropicalis 
Immunogen	Recombinant fragment corresponding to Human Proteasome 19S S5A/ASF aa 80-319. Database link: P55036
Positive control	A549, HeLa, HepG2 and HCT116 whole cell lysates; A549 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154935 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		1/500 - 1/3000. Predicted molecular weight: 40 kDa.
ICC/IF		1/100 - 1/1000.

Target

Function

Binds and presumably selects ubiquitin-conjugates for destruction. Displays selectivity for longer polyubiquitin chains. Modulates intestinal fluid secretion.

Sequence similarities

Belongs to the proteasome subunit S5A family.
Contains 2 UIM (ubiquitin-interacting motif) repeats.
Contains 1 VWFA domain.

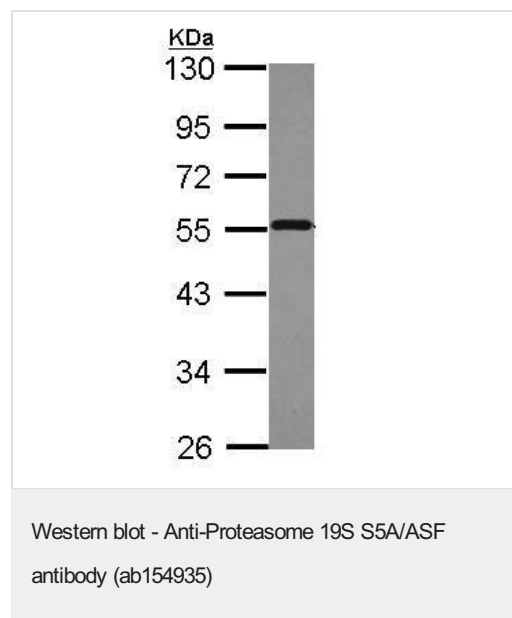
Domain

The 2 UIM motifs are involved in the binding to a multi-ubiquitin chain in a cooperative way.

Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

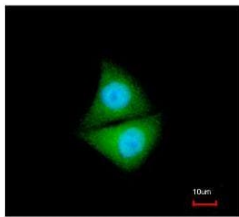
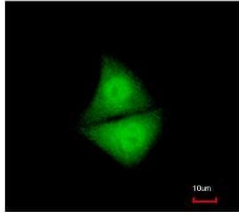
Images



Anti-Proteasome 19S S5A/ASF antibody (ab154935) at 1/1000 dilution + HeLa whole cell lysate at 30 µg

Predicted band size: 40 kDa

10% SDS PAGE



Immunofluorescence analysis of paraformaldehyde-fixed A549 cells labeling Proteasome 19S S5A/ASF with ab154935 at 1/200 dilution (green). Lower image shows cells co-stained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-Proteasome 19S S5A/ASF antibody (ab154935)

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