

Product datasheet

Anti-PSMC3 antibody ab3321

1 Image

Overview

Product name	Anti-PSMC3 antibody
Description	Rabbit polyclonal to PSMC3
Host species	Rabbit
Specificity	Detects proteasome 19S subunit S6'.
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human Proteasome 19S S6'. Human recombinant proteasome 19S subunit S6'. Database link: P17980
Positive control	HeLa cell lysate.

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituents: 0.1% BSA, 99% PBS
Purity	IgG fraction
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab3321** in the following tested applications.

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

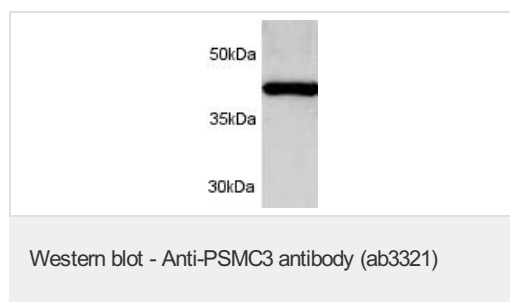
Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 48 kDa. By Western blot, this antibody detects a 48 kDa protein representing proteasome 19S subunit S6' from HeLa cell lysate.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.

Target

Function	The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex (By similarity). In case of HIV-1 infection, suppresses Tat-mediated transactivation.
Sequence similarities	Belongs to the AAA ATPase family.
Post-translational modifications	Sumoylated by UBE2I in response to MEKK1-mediated stimuli.
Cellular localization	Cytoplasm. Nucleus.

Images



Western blot on partially purified human 19S proteasome using ab3321.

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