


Product datasheet

Anti-MMS2 antibody ab155007

[4 Images](#)

Overview

Product name	Anti-MMS2 antibody
Description	Rabbit polyclonal to MMS2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Chicken, Cow, Dog, Pig, Xenopus laevis, Zebrafish, Xenopus tropicalis 
Immunogen	Recombinant fragment corresponding to a region within amino acids 1-145 of Human MMS2 (Q15819).
Positive control	HL-60 and BCL-1 whole cell lysate. HBL435 xenograft tissue. C2C12 xenograft tissue.
General notes	Keep as concentrated solution. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab155007 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: 16 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

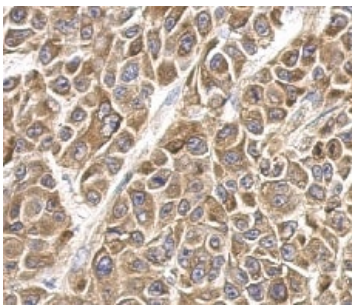
Target

Function Has no ubiquitin ligase activity on its own. The UBE2V2/UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through 'Lys-63'. This type of poly-ubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

Tissue specificity Detected in placenta, colon, liver and skin. Detected at very low levels in most tissues.

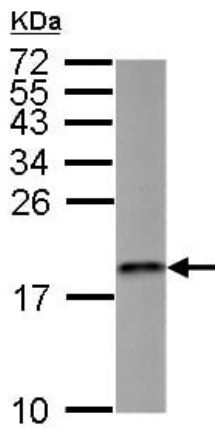
Sequence similarities Belongs to the ubiquitin-conjugating enzyme family.

Images



Immunohistochemical analysis of paraffin-embedded HBL435 xenograft, labelling MMS2 with ab155007 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMS2 antibody (ab155007)

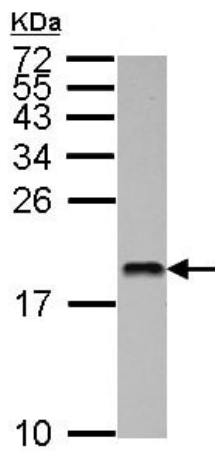


Western blot - Anti-MMS2 antibody (ab155007)

Anti-MMS2 antibody (ab155007) at 1/1000 dilution + HL-60 whole cell lysate at 30 μ g

Predicted band size: 16 kDa

15% SDS PAGE

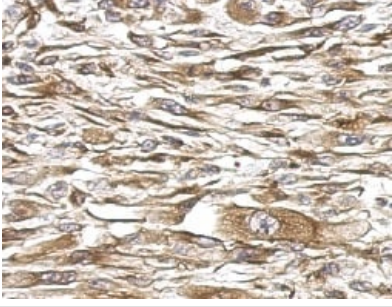


Western blot - Anti-MMS2 antibody (ab155007)

Anti-MMS2 antibody (ab155007) at 1/1000 dilution + BCL-1 whole cell lysate at 30 μ g

Predicted band size: 16 kDa

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Immunohistochemical analysis of paraffin-embedded C2C12 xenograft, labelling MMS2 with ab155007 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMS2 antibody (ab155007)

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