


Product datasheet

Anti-C19orf61 antibody ab85659

2 Images

Overview

<b>Product name</b>	Anti-C19orf61 antibody
<b>Description</b>	Rabbit polyclonal to C19orf61
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
<b>Immunogen</b>	Synthetic peptide designed within residues corresponding to amino acids 75 - 125 of Human C19orf61 (NP_061981.2).
<b>Positive control</b>	HeLa cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: Tris citrate/phosphate buffer, pH 7-8
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab85659** 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
IP		Use at 5-10 µg/mg of lysate.

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IHC-P		1/2000 - 1/10000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 58 kDa. Not suitable for crude preparations (e.g. whole cell lysate). Can be used for WB of enriched (e.g. immunoprecipitated) sources of C19orf61.

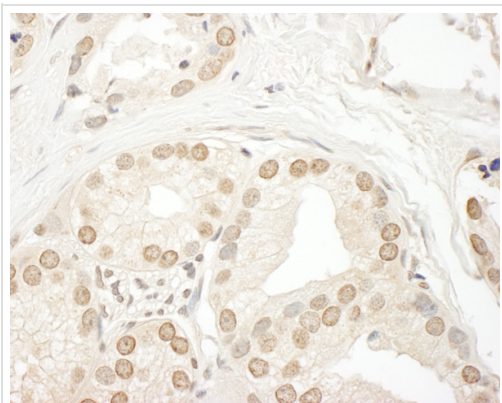
## Target

**Function** Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Is recruited by release factors to stalled ribosomes together with SMG1 and SMG8 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required for the efficient association between SMG1 and SMG8.

**Sequence similarities** Belongs to the SMG9 family.

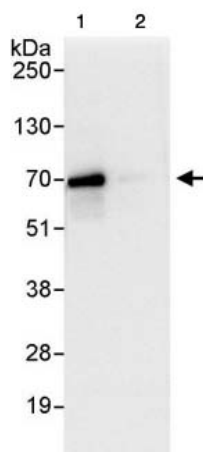
**Post-translational modifications** Phosphorylated by SMG1.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling C19orf61 with [ab85689](#) at 1/5000 (0.2µg/ml).  
Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C19orf61 antibody (ab85659)



Immunoprecipitation - C19orf61 antibody (ab85659)

1mg whole cell lysate from HeLa cells was immunoprecipitated using 10 $\mu$ g [ab90659](#). 20% of the immunoprecipitate was loaded in each lane, and probed with [ab90659](#) at 1 $\mu$ g/ml (lane 1) or with a control IgG (lane 2). Detection: chemoluminescence, with an exposure time of 1 second.

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