

## Product datasheet

# Anti-C12orf34 antibody ab122626

1 References 6 Images

### Overview

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<b>Product name</b>	Anti-C12orf34 antibody
<b>Description</b>	Rabbit polyclonal to C12orf34
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: PSIHSLLYQL NQQCQAPGAA PPACQGMAIP HPSPAKHGVP PSFPSMAYSA AAGLPDCRKG TELGQGATQA LTLAGAAKPA GYADSGLDYL LWPQKP, corresponding to amino acids 197-292 of Human C12orf34. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	IHC-P: Human stomach, testis, and cerebral cortex tissues; ICC: U 251 MG cells; WB: SH-SY5Y whole cell lysate.
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

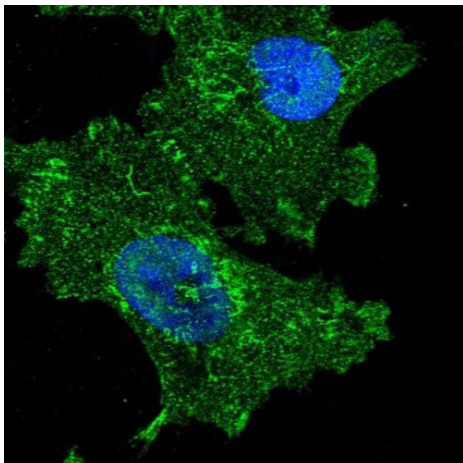
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab122626 in the following tested applications.

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

Application	Abreviews	Notes
WB		Use a concentration of 0.04 - 0.4 µg/ml.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

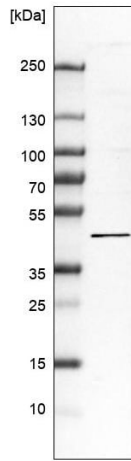
## Target

## Images



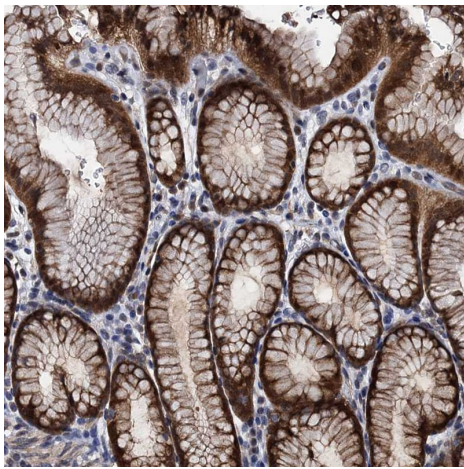
Immunocytochemistry/ Immunofluorescence - Anti-C12orf34 antibody (ab122626)

Immunofluorescent staining of Human cell line U-251 MG shows positivity in nucleus but not nucleoli, plasma membrane, mitochondria and focal adhesions. Recommended concentration of ab122626 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Western blot - Anti-C12orf34 antibody (ab122626)

Anti-C12orf34 antibody (ab122626) + SH-SY5Y (human neuroblastoma cell line from bone marrow) whole cell lysate



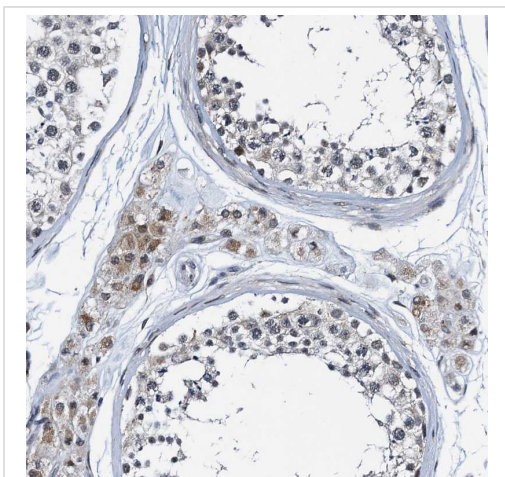
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C12orf34 antibody (ab122626)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of stomach tissue labelling C12orf34 with ab122626 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



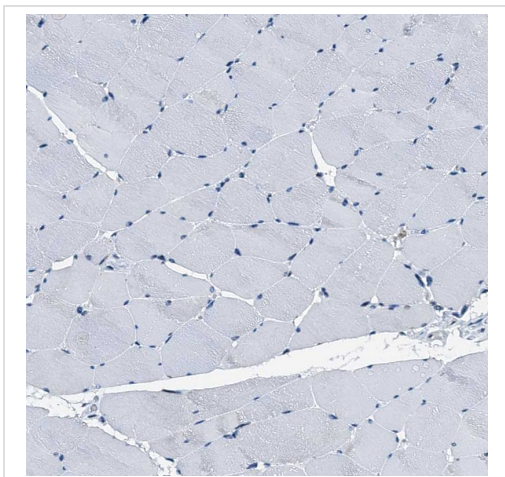
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C12orf34 antibody (ab122626)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of cerebral cortex tissue labelling C12orf34 with ab122626 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C12orf34 antibody (ab122626)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of testis tissue labelling C12orf34 with ab122626 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C12orf34 antibody (ab122626)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of skeletal muscle tissue labelling C12orf34 with ab122626 at 1/200 dilution. Heat mediated antigen retrieval performed with citrate buffer pH 6 before commencing with IHC staining protocol. No positivity in myocytes as expected.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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