

## Product datasheet

# Anti-C13orf8 antibody ab48703

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-C13orf8 antibody
<b>Description</b>	Rabbit polyclonal to C13orf8
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody recognizes C13orf8
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat
<b>Immunogen</b>	A region within synthetic peptide: PAASPESRKS ARTTSPEPRK PSPSESPEPW KPFPVAVSPEP RRPAPAVSPG, corresponding to internal sequence amino acids 261-310 of Human C13orf8  <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Daudi cell lysate. Human skeletal muscle cells.

### 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 freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab48703** in the following tested applications.

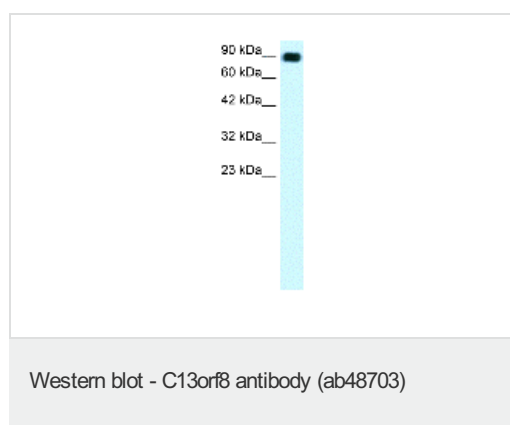
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 89 kDa (predicted molecular weight: 89 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use at an assay dependent concentration.

## Target

<b>Function</b>	Required for proper alignment of chromosomes at metaphase and their accurate segregation during mitosis. Involved in the maintenance of spindle microtubules attachment to the kinetochore during sister chromatid biorientation. May recruit CENPE and CENPF to the kinetochore.
<b>Sequence similarities</b>	Contains 1 C2H2-type zinc finger.
<b>Post-translational modifications</b>	Phosphorylated by CDK1. Mitotic phosphorylation is required for the attachment of spindle microtubules to the kinetochore.
<b>Cellular localization</b>	Nucleus. Chromosome. Chromosome > centromere > kinetochore. Cytoplasm > cytoskeleton > spindle.

## Images



Anti-C13orf8 antibody (ab48703) at 0.25 µg/ml + Daudi cell lysate at 10 µg with 5% skimmed milk in PBS

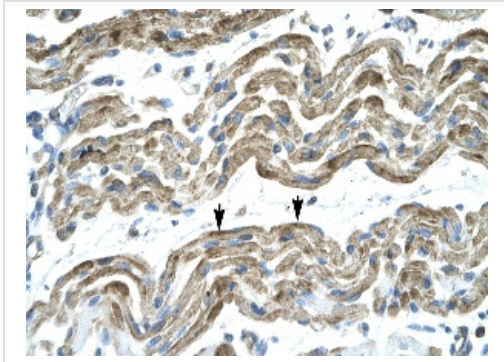
### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 89 kDa

**Observed band size:** 89 kDa

Gel concentration: 12%



ab48703 (4-8 $\mu$ g/ml) staining of Human muscle tissue cells (10 $\mu$ g) with positively stained skeletal muscle cells (arrows). Magnification: x400

Immunohistochemistry (Paraffin-embedded sections)  
- C13orf8 antibody (ab48703)

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