


## Product datasheet

# Anti-STEAP2 antibody ab196661

[2 Images](#)

### Overview

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<b>Product name</b>	Anti-STEAP2 antibody
<b>Description</b>	Rabbit polyclonal to STEAP2
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects endogenous levels of total STEAP2 protein.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide within Human STEAP2 (C terminal). The exact sequence is proprietary. Database link: <a href="#">Q8NFT2</a>
<b>Positive control</b>	Colon carcinoma tissue, A549 cells
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride  Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab196661** in the following tested applications.

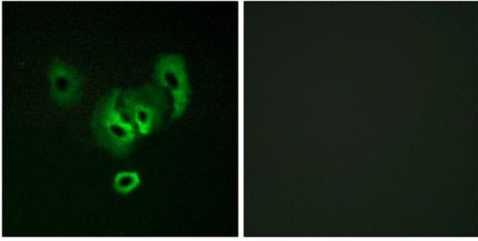
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/500.
IHC-P		1/50 - 1/100.

## Target

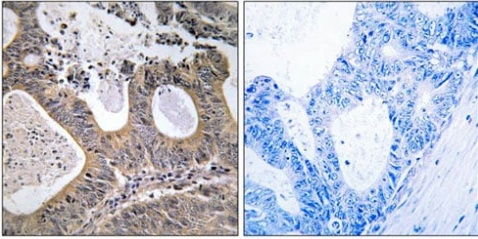
<b>Function</b>	Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor.
<b>Tissue specificity</b>	Expressed at high levels in prostate and at significantly lower levels in heart, brain, kidney, pancreas, and ovary.
<b>Sequence similarities</b>	Belongs to the STEAP family. Contains 1 ferric oxidoreductase domain.
<b>Cellular localization</b>	Endosome membrane. Cell membrane.

## Images



Immunofluorescent analysis of A549 cells labeling STEAP2 with ab196661 at 1/100 dilution

Immunocytochemistry/ Immunofluorescence - Anti-STEAP2 antibody (ab196661)



Immunohistochemical analysis of formalin fixed paraffin embedded human colon carcinoma tissue labeling STEAP2 with ab196661 at 1/50 dilution

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STEAP2 antibody (ab196661)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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