

Product datasheet

Anti-IZUMO2 antibody ab122776

2 Images

Overview

<b>Product name</b>	Anti-IZUMO2 antibody
<b>Description</b>	Rabbit polyclonal to IZUMO2
<b>Specificity</b>	ab122776 is predicted to react with isoform 2 due to sequence homology.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	antigen sequence: PSRFQLEQLQ ARAGAVLMGM EGPFFRDYAL NVFVGKVETN QLDLVASFVK NQTQHLMGNS LKDEPLLEEL VTLR, corresponding to internal sequence amino acids 41-114 of Human IZUMO2. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human kidney tissue.

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>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab122776** in the following tested applications.

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

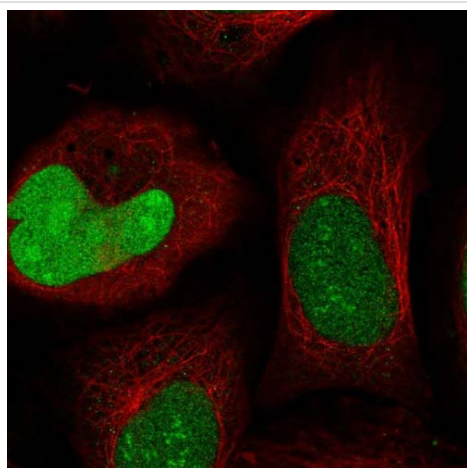
Application	Abreviews	Notes
IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment

## Target

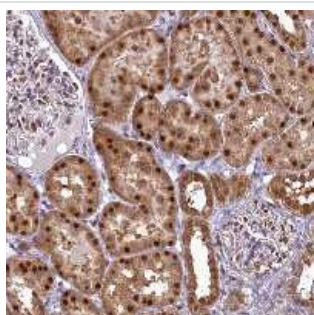
<b>Sequence similarities</b>	Belongs to the IZUMO family.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Membrane.

## Images



Immunofluorescent staining of Human cell line U-2 OS shows positivity in nucleus and nucleoli. Recommended concentration of ab122776 1-4 µg/ml. Cells treated with PFA/Triton X-100.

Immunocytochemistry/ Immunofluorescence - Anti-IZUMO2 antibody (ab122776)



ab122776, at 1/1000 dilution, staining IZUMO2 in Paraffin Embedded Human kidney tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IZUMO2 antibody (ab122776)

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