

Product datasheet

Anti-IZUMO2 antibody ab122776

[2 Images](#)

Overview

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

Properties

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

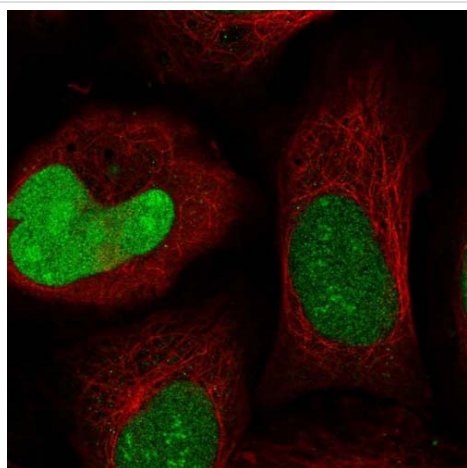
Application	Abreviews	Notes

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IHC-P		1/1000 - 1/2500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment

Target

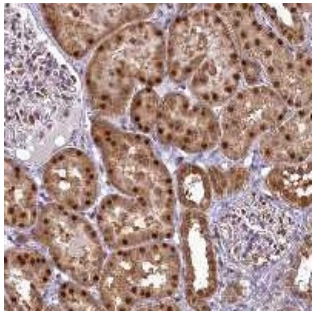
Sequence similarities	Belongs to the IZUMO family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Membrane.

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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