



Product datasheet

Anti-ZNF415 antibody ab243381

2 Images

Overview

Product name	Anti-ZNF415 antibody
Description	Rabbit polyclonal to ZNF415
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human ZNF415 aa 174-289. Sequence:</p> <p>DRRGIGNKSIKHLGLSFLPHPELQQFQAEGKIYECNHVE KSVNHGSSV SPPQIISSTIKTHVSNKYGTDFICSSLLTQEQKSCIREKPYRYI ECDKAL NHGSHMTVRQVSHSGE</p> <p>Database link: Q09FC8</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	IHC-P: Human cerebral cortex tissue. ICC/IF: U-2 OS cells.
General notes	<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 & 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 & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & 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</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab243381** in the following tested applications.

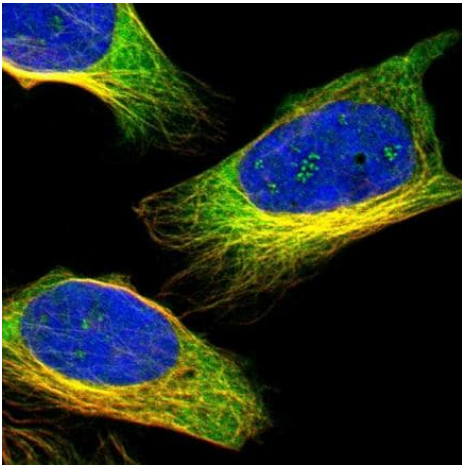
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. 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. Fixation/Permeabilization: PFA/Triton X-100.

Target

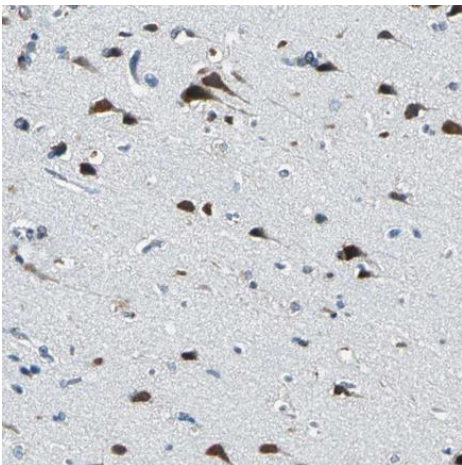
Function	Involved in transcriptional regulation. Transcriptional activity differed among the various isoforms. All isoforms except isoform 3 seem to suppresses the transcriptional activities of AP-1 and p53/TP53.
Tissue specificity	Expressed in all tissues examined. Isoforms are differentially expressed. Isoform 3 and isoform 5 were highly expressed, isoform 4 moderately expressed, isoform 2 lower expression, the lowest expression level was seem with isoform 1.
Sequence similarities	Contains 12 C2H2-type zinc fingers.
Cellular localization	Nucleus. Cytoplasm. Isoforms 1, isoform 2, isoform 4 and isoform 5 showed both nuclear and cytoplasm localization. Isoform 3 localized only to nucleus.

Images



Immunocytochemistry/ Immunofluorescence - Anti-ZNF415 antibody (ab243381)

Immunocytochemistry/Immunofluorescence analysis of U-2 OS (human bone osteosarcoma epithelial cell line) cells labeling ZNF415 using ab243381 at 4 µg/ml (green). Nuclear probe is visualized in blue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNF415 antibody (ab243381)

Formalin-fixed, paraffin-embedded human cerebral cortex tissue stained for ZNF415 with ab243381 at 1/500 dilution in immunohistochemical analysis.

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

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