



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 | Recombinant fragment corresponding to Human ZNF415 aa 150-300. Database link: Q09FC8 |
| | <div>  Run BLAST with </div> <div>  Run BLAST with </div> |
| Positive control | IHC-P: Human cerebral cortex tissue. ICC/IF: U-2 OS cells. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&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

The Abpromise guarantee

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 seen with isoform 1.

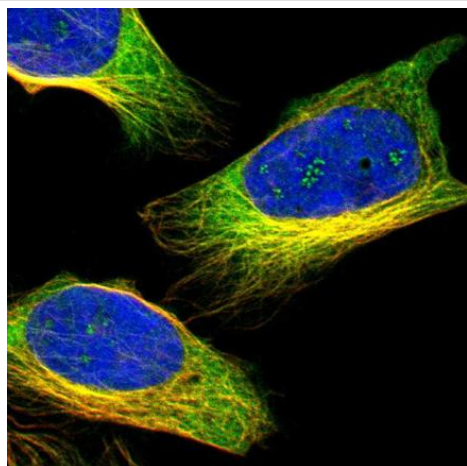
Sequence similarities

Contains 12 C2H2-type zinc fingers.

Cellular localization

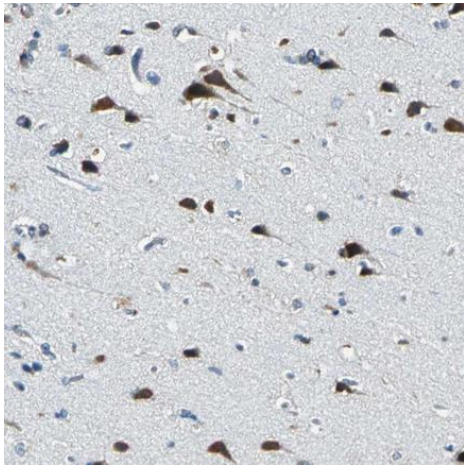
Nucleus. Cytoplasm. Isoforms 1, isoform 2, isoform 4 and isoform 5 showed both nuclear and cytoplasm localization. Isoform 3 localized only to nucleus.

Images



Immunocytochemistry/Immunofluorescence 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.

Immunocytochemistry/ Immunofluorescence - Anti-ZNF415 antibody (ab243381)



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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