abcam

Product datasheet

Anti-ZNF653 antibody ab121769

3 Images

Overview

Product name	Anti-ZNF653 antibody
Description	Rabbit polyclonal to ZNF653
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	antigen sequence: NVNCLKNVVI WYEDHKHRCP YEPHLAELDP TFGLYTTAVW QCEAGHRYFQ DLHSPLKPLS DSDPDSDKVG NGLVAGSSDS SSSGS, corresponding to amino acids 119-203 of Human ZNF653. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	IHC: Human cerebral cortex tissue WB: RT 4 and U 251 MG lysate ICC/IF: human cell line U-2 OS
General notes	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. 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

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 (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab121769 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		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.

Target

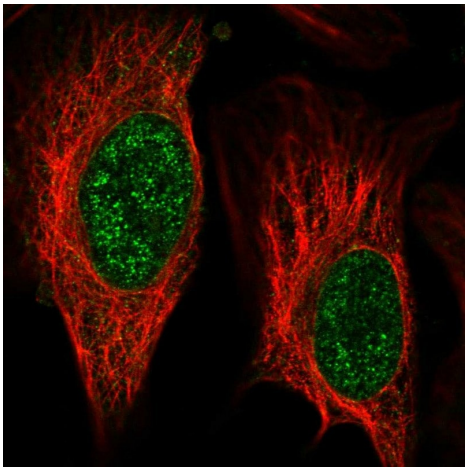
Function Transcriptional repressor. May repress NR5A1, PPARG, NR1H3, NR4A2, ESR1 and NR3C1 transcriptional activity.

Tissue specificity Highly expressed in testis, cerebellum, temporal lobe, hippocampus and the adrenal gland. Moderately expressed in spleen, uterus, thymus, pancreas, kidney, stomach and rectum.

Sequence similarities Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 5 C2H2-type zinc fingers.

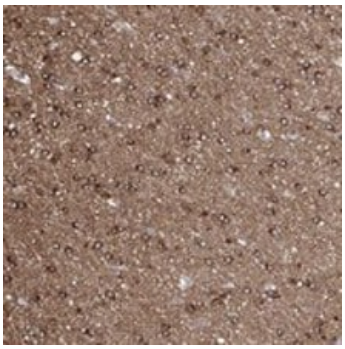
Cellular localization Nucleus.

Images



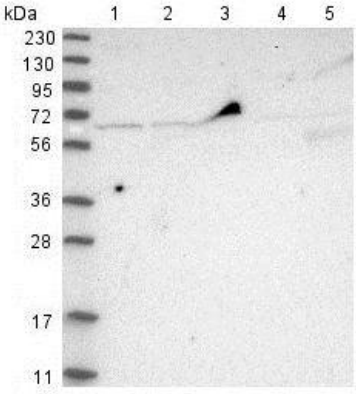
Immunocytochemistry/ Immunofluorescence - Anti-ZNF653 antibody (ab121769)

Immunocytochemistry/immunofluorescence analysis of human cell line U-2 OS labelling ZNF653 with ab121769 at 2 µg/mL or dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNF653 antibody (ab121769)

ab121769 at 1/50 dilution staining ZNF653 in paraffin embedded Human cerebral cortex tissue by Immunohistochemistry.



Western blot - Anti-ZNF653 antibody (ab121769)

All lanes : Anti-ZNF653 antibody (ab121769) at 1/250 dilution

Lane 1 : RT 4 cell lysate
Lane 2 : U 251 MG cell lysate
Lane 3 : Human plasma lysate
Lane 4 : Human liver tissue lysate
Lane 5 : Human tonsil tissue lysate

Developed using the ECL technique.

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

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