

Product datasheet

Anti-KIAA0513 antibody ab121382

★★★★☆ 1 Abreviews 3 Images

Overview

Product name	Anti-KIAA0513 antibody
Description	Rabbit polyclonal to KIAA0513
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	antigen, corresponding to amino acids 134-271 of Human KIAA0513.
Positive control	KIAA0513-transfected HEK293T lysate; Human cerebellum tissue.
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. 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 ab121382 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
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★☆ (1)	Use a concentration of 0.04 - 0.4 µg/ml.

Target

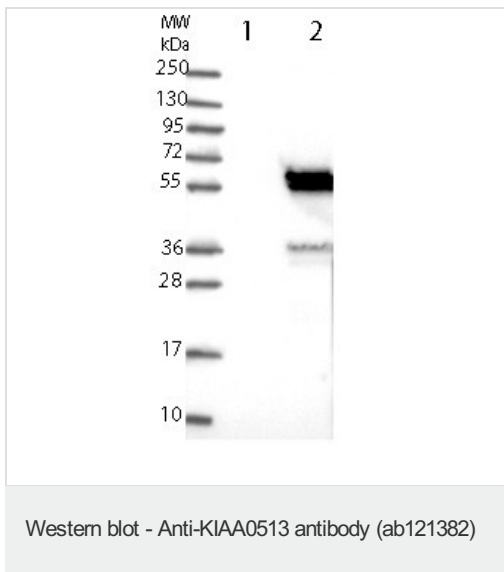
Tissue specificity

Widely expressed, highest levels in cerebellum, brain cortex, hippocampus, pons, putamen and amygdala. Highly expressed in neurons, but also present in glial cells. Slightly higher expression in the dorsolateral prefrontal cortex of schizophrenic patients compared to control individuals.

Cellular localization

Cytoplasm.

Images



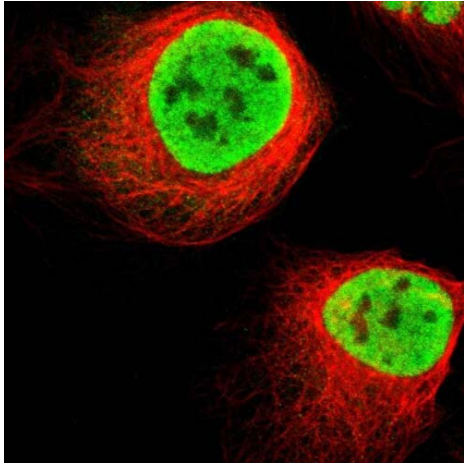
All lanes : Anti-KIAA0513 antibody (ab121382) at 1/250 dilution

Lane 1 : vector only transfected HEK293T lysate

Lane 2 : KIAA0513-transfected HEK293T lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa))

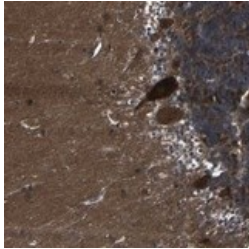
Developed using the ECL technique.

10-20% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-KIAA0513 antibody (ab121382)

Immunofluorescent staining of Human cell line U-2 OS shows positivity in nucleus but not nucleoli. Recommended concentration of ab121382 1-4 µg/ml. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KIAA0513 antibody (ab121382)

ab121382 at 1/500 dilution staining KIAA0513 in Paraffin-embedded Human cerebellum tissue by Immunohistochemistry. Note: strong cytoplasmic and nuclear positivity in Purkinje cells and strong cytoplasmic positivity in cells in granular layer and molecular layer.

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

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