



Anti-T54 antibody ab224209

[10 Images](#)

Overview

Product name	Anti-T54 antibody
Description	Rabbit polyclonal to T54
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human T54 aa 50-200. Database link: Q92917
	 Run BLAST with  Run BLAST with
Positive control	WB: RT4, U-251 MG sp, A431, NIH/3T3, NBT-II and PC-12 cell lysates. IHC-P: Human kidney, colon, pancreas and 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 ab224209 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
WB		Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 52 kDa.
IHC-P		1/20 - 1/50. 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

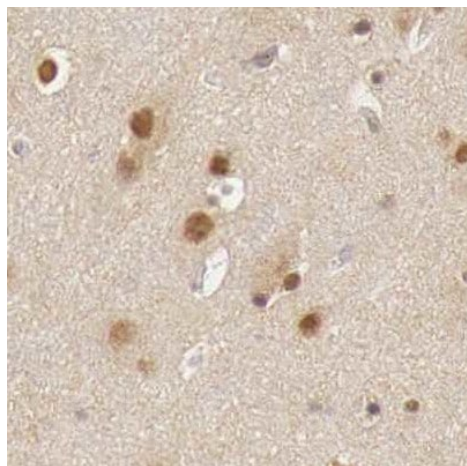
Sequence similarities

Belongs to the MOS2 family.
Contains 1 G-patch domain.
Contains 2 KOW domains.

Cellular localization

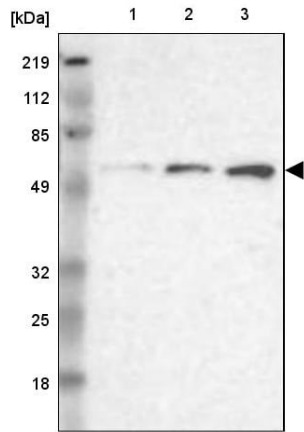
Nucleus.

Images



Immunohistochemical analysis of paraffin-embedded human cerebral cortex tissue labeling T54 with ab224209 at 1/20 dilution. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)



Western blot - Anti-T54 antibody (ab224209)

All lanes : Anti-T54 antibody (ab224209) at 1/250 dilution

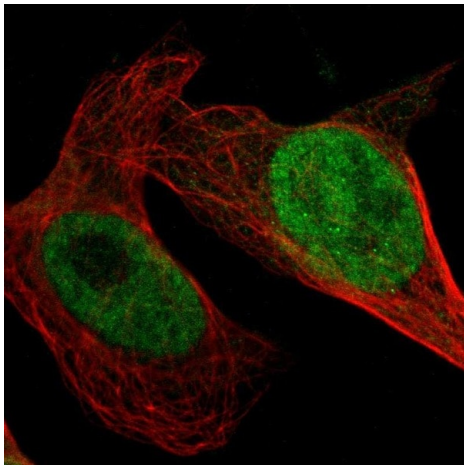
Lane 1 : RT4 (human urinary bladder cancer cell line) cell lysate

Lane 2 : U-251 MG sp (human brain glioma cell line) cell lysate

Lane 3 : A431 (human epidermoid carcinoma cell line) cell lysate

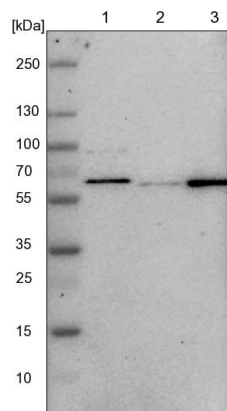
Developed using the ECL technique.

Predicted band size: 52 kDa



Immunocytochemistry/ Immunofluorescence - Anti-T54 antibody (ab224209)

PFA-fixed, Triton X-100 permeabilized U-2 OS (human bone osteosarcoma epithelial cell line) cells stained for T54 (green) using ab224209 at 4 μ g/ml in ICC/IF.



Western blot - Anti-T54 antibody (ab224209)

All lanes : Anti-T54 antibody (ab224209) at 1/250 dilution

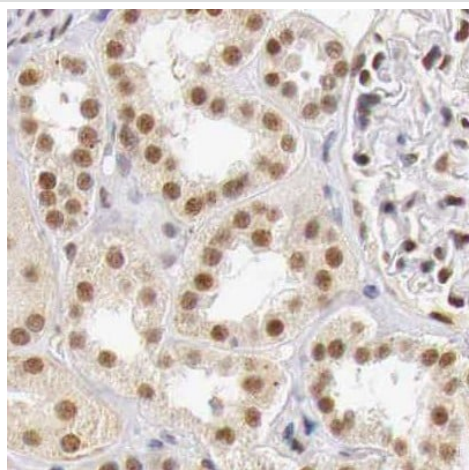
Lane 1 : NIH/3T3 (mouse embryonic fibroblast cell line) cell lysate

Lane 2 : NBT-II cell lysate

Lane 3 : PC-12 (rat adrenal gland pheochromocytoma cell line) cell lysate

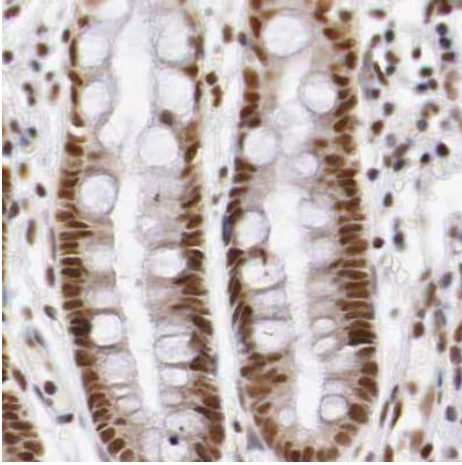
Developed using the ECL technique.

Predicted band size: 52 kDa



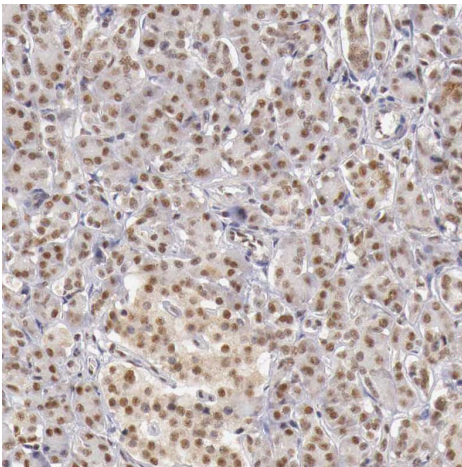
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)

Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling T54 with ab224209 at 1/20 dilution. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.



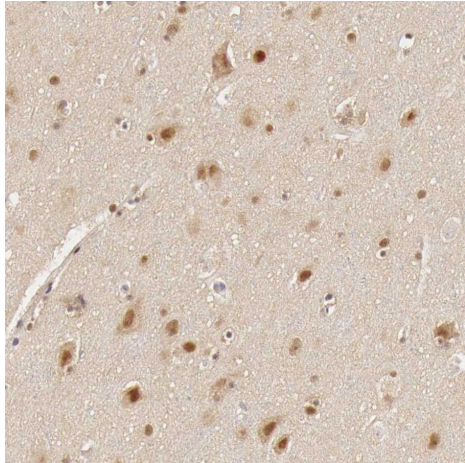
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)

Immunohistochemical analysis of paraffin-embedded human colon tissue labeling T54 with ab224209 at 1/20 dilution. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.



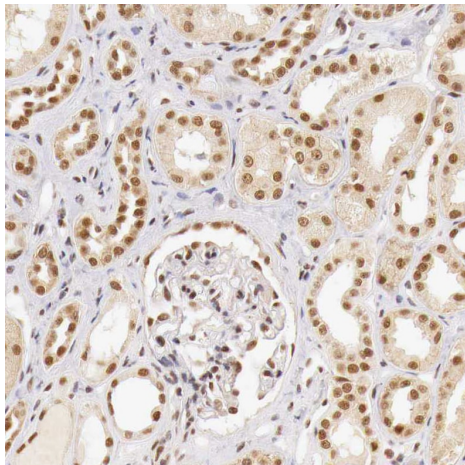
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue labeling T54 with ab224209 at 1/20 dilution. Antigen retrieval was heat mediated with citrate buffer pH 6 before commencing with IHC staining protocol.



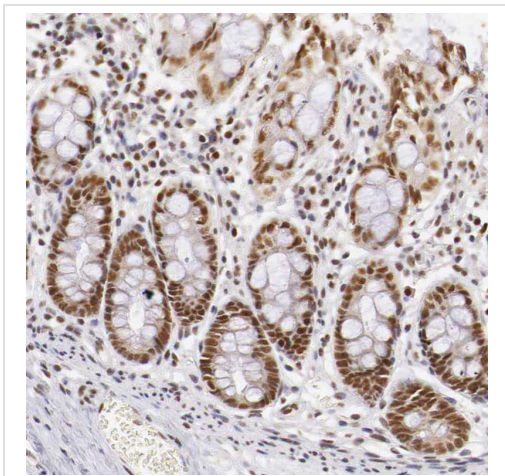
Paraffin-embedded human cerebral cortex tissue stained for T54 using ab224209 at 1/20 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)



Paraffin-embedded human kidney tissue stained for T54 using ab224209 at 1/20 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)



Paraffin-embedded human colon tissue stained for T54 using ab224209 at 1/20 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T54 antibody (ab224209)

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