




Product datasheet

Anti-NUP155 antibody ab233079

6 Images

Overview

Product name	Anti-NUP155 antibody
Description	Rabbit polyclonal to NUP155
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human NUP155 aa 1150 to the C-terminus. (Expressed in E.coli). Database link: O75694  Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human NUP155 protein; HEK-293T, HeLa and Jurkat cell lysates. IHC-P: Human prostate, glioma, kidney and colon tissues.
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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	ab233079 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab233079 in the following tested applications.

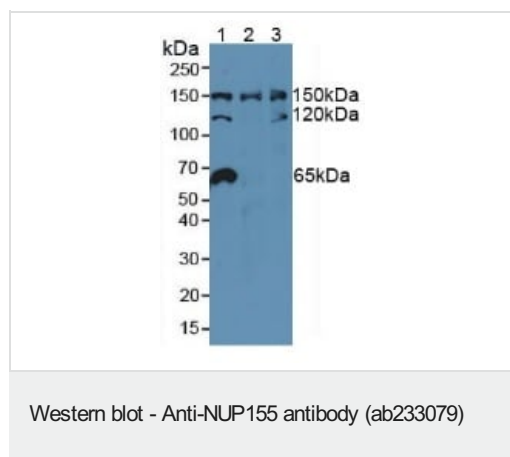
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 155 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function	Essential component of nuclear pore complex. Nucleoporins may be involved both in binding and translocating proteins during nucleocytoplasmic transport.
Tissue specificity	Expressed in all tissues tested, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Sequence similarities	Belongs to the non-repetitive/WGA-negative nucleoporin family.
Post-translational modifications	Phosphorylated. Phosphorylation and dephosphorylation may be important for the function of NUP155 and may play a role in the reversible disassembly of the nuclear pore complex during mitosis.
Cellular localization	Nucleus > nuclear pore complex. Nucleus membrane. Nucleus membrane. In mitosis, assumes a diffuse cytoplasmic distribution probably as a monomer, before reversing back into a punctate nuclear surface localization at the end of mitosis.

Images



All lanes : Anti-NUP155 antibody (ab233079) at 3 µg/ml

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

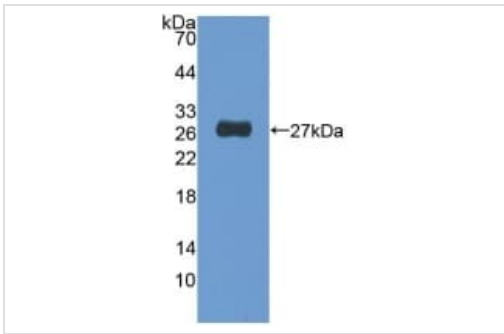
Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Lane 3 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Secondary

All lanes : HRP-Linked Guinea pig Anti-Rabbit Ab at 1/2000 dilution

Predicted band size: 155 kDa



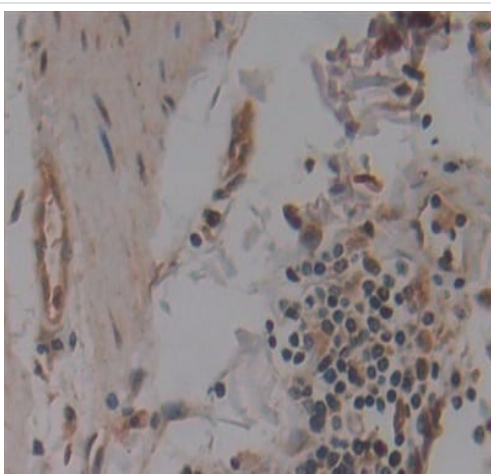
Western blot - Anti-NUP155 antibody (ab233079)

Anti-NUP155 antibody (ab233079) at 3 µg/ml + Recombinant human NUP155 protein.

Secondary

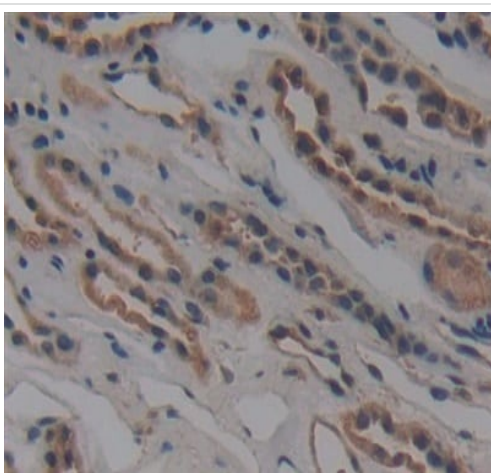
HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 155 kDa



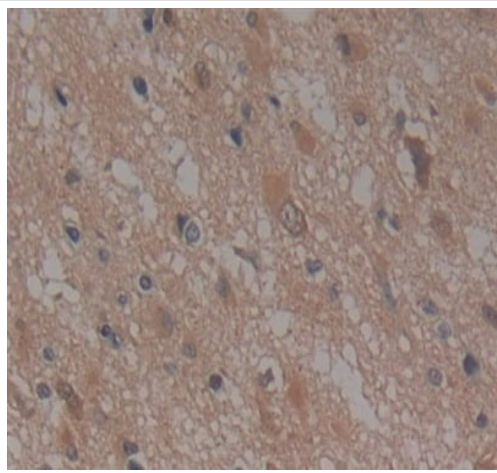
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP155 antibody (ab233079)

Paraffin-embedded human colon tissue stained for NUP155 using ab233079 at 20 µg/ml in immunohistochemical analysis. DAB staining.



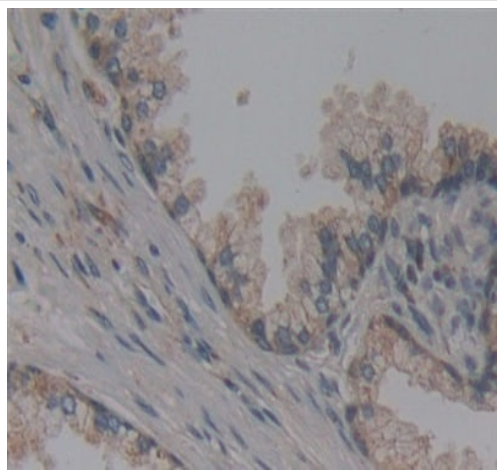
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP155 antibody (ab233079)

Paraffin-embedded human kidney tissue stained for NUP155 using ab233079 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Paraffin-embedded human glioma tissue stained for NUP155 using ab233079 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP155 antibody (ab233079)



Formalin-fixed, paraffin-embedded human prostate tissue stained for NUP155 using ab233079 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUP155 antibody (ab233079)

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

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