


Product datasheet

Anti-NUP155 antibody ab157104

2 Images

Overview

Product name	Anti-NUP155 antibody
Description	Rabbit polyclonal to NUP155
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Pig, Xenopus laevis, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Xenopus tropicalis 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 1341-1391 of Human NUP155 (NP_705618.1). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	293T, HeLa, Jurkat and NIH 3T3 whole cell lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8
Purity	Immunogen affinity purified
Purification notes	ab157104 was affinity purified using an epitope specific to NUP155 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab157104** in the following tested applications.

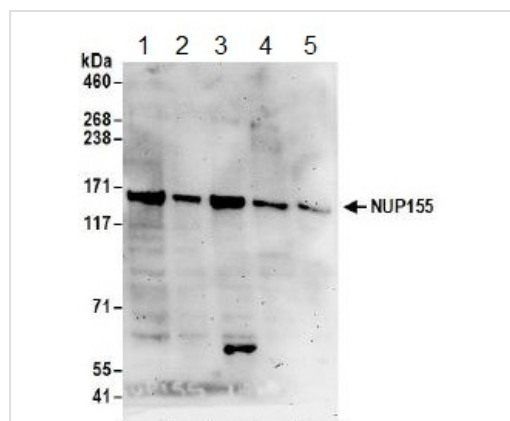
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 155 kDa.
IP		Use at 2-10 µg/mg of lysate.

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



Western blot - Anti-NUP155 antibody (ab157104)

All lanes : Anti-NUP155 antibody (ab157104) at 0.1 µg/ml

Lane 1 : 293T whole cell lysate at 50 µg

Lane 2 : 293T whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 50 µg

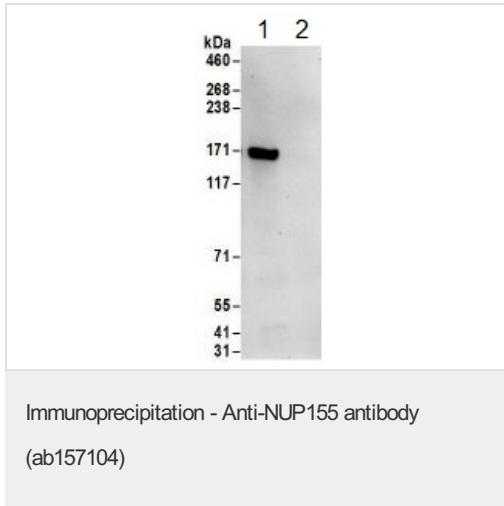
Lane 4 : Jurkat whole cell lysate at 50 µg

Lane 5 : NIH 3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 155 kDa

Exposure time: 3 minutes



Detection of NUP155 in Immunoprecipitates of 293T whole cell lysates (1 mg for IP, 20% of IP loaded) using ab157104 at 6 µg/mg lysate for IP (Lane 1). For WB detection an ab157104 was used at 1 µg/ml. Lane 2 represents control IgG IP. Detection: Chemiluminescence with an exposure time of 10 seconds.

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