

## Anti-NUP153 Antibody

Catalog Number: A02183-2

### About NUP153

NUP153 is an FG-repeat containing NUP, contains a high-affinity site for importin-beta, localizes on the nucleoplasmic face of the nuclear pore and is required for assembly of the nuclear basket and import of a subset of nuclear proteins [PMID:18845677]. NUP153 also facilitates nuclear export of mRNA and ribonucleoprotein particles and may have additional functions within the nucleus [PMID:16195343]. The 53BP1-NUP153/importin-beta pathway as an important aspect of the DDR network add to an emerging evidence of subcellular trafficking as an integral part of genome surveillance [PMID:22075984].

### Overview

Product Name	Anti-NUP153 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NUP153 Antibody catalog # A02183-2. Tested in WB, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P49790

### Technical Details

Immunogen	E.coli-derived human NUP153 recombinant protein (Position: P1127-R1472).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ImmunoPrecipitation, 1:250-300 ELISA, 1:100-1000

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