## **NUP188 Antibody**

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A302-323A

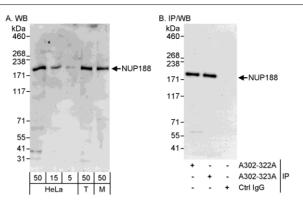
 Protein ID
 NP\_056169.

 Gene ID
 23511



APPLICATIONS	WB, IP
REACTIVITY TESTED	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Gorilla and Chimpanzee.
ISOTYPE	lgG
AMOUNT	0.1 ml at 1 mg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NUP188 immobilized on solid support.
	The epitope recognized by A302-323A maps to a region between residue 1699 and 1749 of human nucleoporin 188kDa using the numbering given in entry NP_056169.1 (GeneID 23511).
	Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
	Western Blot 1:1,000 to 1:5,000
	Immunoprecipitation 10 µg/mg lysate
APPLICATION NOTES	Validation by IP/Western Blot was performed using ReliaBLOT® Western Blot Gel 4-8%, 10 x 10 cm (Cat. No. WB101-40812G) and ReliaBLOT® Reagents (Cat. No. WB120). Related products include ReliaBLOT® IP/WB kits, buffers and reagents.
ADDITIONAL INFO	http://www.bethyl.com/product/A302-323A
	Use the link above to view a current list of citations and other product specific information.

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Detection of Human and Mouse NUP188 by Western Blot (h&m) and Immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 µg), and mouse NIH3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-NUP188 antibody A302-323A used for WB at 0.4 µg/ml (A) and 1 µg/ml (B) and used for IP at 10 µg/mg lysate. NUP188 was also immunoprecipitated by rabbit anti-NUP188 antibody A302-322A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

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## **MATERIAL SAFETY DATA SHEET**

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This product contains Rabbit immunoglobulin G (IgG) protein in Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide.

## **INGREDIENT DESCRIPTIONS**

## HAZARDOUS:

Sodium Azide (NaN3): Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water. LD50 oral mouse 27 mg/kg. Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

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