

PAB183Hu01

Polyclonal Antibody to Nucleoporin 188kDa (NUP188)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: NUP188, Human

Clonality: Polyclonal

Host: Rabbit

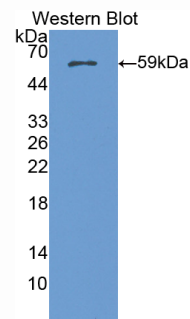
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant NUP188, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant NUP188 (Thr540~Gly782) expressed in *E.coli*.

Accession No.: RPB183Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLP EML KM FEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPKSD GSTSGSGHHH HHHSAGLVPR
GSTAIGMKET AA AKFERQHM DSPDLGTLEV LFQGPLGSEF-T LFTCEIEMLL HVVSTADVIQ
HCQRVKPIID LVHKVISTDL SIADCLLPIT SRIYMLLQRL TTVISPPVDV IASCVNCLTV
LAARNPAKVW TDLRHTGFLP FVAHPVSSLS QMISAEGMNA GGYGNLLMNS
EQPQGEYGV T IAFLRLITTL VKGQLGSTQS QGLVPCVMFV LKEMLP SYHK WRYNSHG VRE
QIGCLILELI HAILNLCHET DLHSSHTPSL QFLCICSLAY TEAGQTVINI MG

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against NUP188. It has been selected for its ability to recognize NUP188 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant NUP188 (Thr540~Gly782) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.