

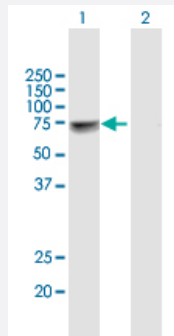
MaxPab®

# NUP98 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00004928-B02P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of NUP98 expression in transfected 293T cell line ([H00004928-T02](#)) by NUP98 MaxPab polyclonal antibody.

Lane 1: NUP98 transfected lysate(66.66 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |   |
|-------------------------|---|
| Product Description     | Mouse polyclonal antibody raised against a full-length human NUP98 protein.   |
| Immunogen               | NUP98 (AAH12906.1, 1 a.a. ~ 606 a.a) full-length human protein.   |
| Sequence                | <p>MKLYQTPLELKLKHSTVHVDELCP LVPNLGVAVIHDYADWVKEASGDLPEAQMKHWSLTWTLC</p> <p>EALWGHLEKELDSQLNEPREYQILERRRAFSRWLSCTATPQIEEEVSLTQKNPVEAVFSYLTGKRI</p> <p>SEACSLAQSGDHRALALLSQFVGSQSVRELLTMQLVDWHQLQADSFQDERLRIFALLAGKPV</p> <p>WQLSEKKQINVCSQLDWKRSLAIHLWYLLPPTASISRALSMYEEAFQNTSDSDRYACSPPLPSYLE</p> <p>GSGCVIAEEQNSQTPLRDVCFHLLKLYSDRHYDLNQLLEPRISITADPLDYRLSWHLWEVLRALNYT</p> <p>HLSAQCEGVLQASYAGQLESEGLWEWAIFVLLHIDNSGIREKAVRELLTRHCQLETPESWAKET</p> <p>FLTQKLRVPAKWIHEAKAVRAHMESDKHLEALCLFKAEHWNRCHKLIIRHLASDAIINENYDYLKGF</p> <p>LEDLAPPERSLIQDWETSGLVLYLDYIRVIEMLRHIQQVDCSGNDLEQLHIKVTSLCSRIEQQCYS</p> <p>KDRLAQSDMAKRVANLLRVVLSLHPPDRDTSSTDPQVRPLRLAPHIGRLPMPEDYAMDELR</p> <p>SLTQSYLRELAVGSL</p> |
| Host                    | Mouse   |
| Reactivity              | Human   |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.   |
| Storage Buffer          | In 1x PBS, pH 7.4   |

## Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — NUP98

Entrez GeneID [4928](#)

GeneBank Accession# [BC012906.1](#)

Protein Accession# [AAH12906.1](#)

Gene Name NUP98

Gene Alias ADIR2, NUP196, NUP96

Gene Description nucleoporin 98kDa

Omim ID [601021](#)

Gene Ontology [Hyperlink](#)

## Gene Summary

Signal-mediated nuclear import and export proceed through the nuclear pore complex (NPC), which is comprised of approximately 50 unique proteins collectively known as nucleoporins. The 98 kD nucleoporin is generated through a biogenesis pathway that involves synthesis and proteolytic cleavage of a 186 kD precursor protein. This cleavage results in the 98 kD nucleoporin as well as a 96 kD nucleoporin, both of which are localized to the nucleoplasmic side of the NPC. Rat studies show that the 98 kD nucleoporin functions as one of several docking site nucleoporins of transport substrates. The human gene has been shown to fuse to several genes following chromosome translocations in acute myelogenous leukemia (AML) and T-cell acute lymphocytic leukemia (T-ALL). This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]

Other Designations GLFG-repeat containing nucleoporin|Nup98-Nup96|OTTHUMP00000013819|OTTHUMP00000013967|nucleoporin 98kD

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)