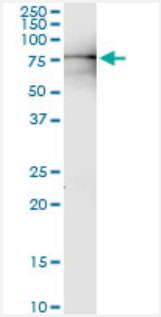
NUP98 (Human) IP-WB Antibody Pair

Catalog # H00004928-PW1 Size 1 Set

Applications



Immunoprecipitation of NUP98 transfected lysate using rabbit polyclonal anti-NUP98 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-NUP98.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of NUP98 transfected lysate using rabbit polyclonal anti-NUP98 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-NUP98.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-NUP98 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-NUP98 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

Gene Info — NUP98

Entrez GeneID	4928
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 chromsome translocatons 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