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Immunotag™ Nup88 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT5073
Product Description	Immunotag™ Nup88 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Nup88
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Nup88 . at AA range: 330-410
Specificity	Nup88 Polyclonal Antibody detects endogenous levels of Nup88 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NUP88
Accession No.	Q99567 Q8CEC0
Alternate Names	NUP88; Nuclear pore complex protein Nup88; 88 kDa nucleoporin; Nucleoporin Nup88

Antibody Specification

Description	nucleoporin 88(NUP88) Homo sapiens The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins, a family of 50 to 100 proteins, are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene belongs to the nucleoporin family and is associated with the oncogenic nucleoporin CAN/Nup214 in a dynamic subcomplex. This protein is also overexpressed in a large number of malignant neoplasms and precancerous dysplasias. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016],
Protein Expression	Epithelium,Lung,Placenta,
Subcellular Localization	nuclear pore,nucleoplasm,cytosol,
Protein Function	function:Essential component of nuclear pore complex.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subunit:Interacts with NUP214/CAN.,tissue specificity:Ubiquitous.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.