

bs-2935R**[Primary Antibody]**

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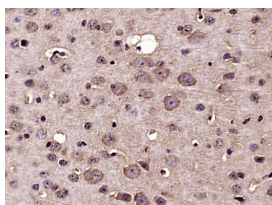
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Nucleoporin p62 Rabbit pAb

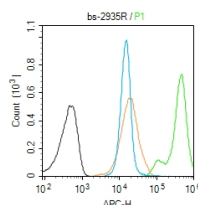
DATASHEET

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 53 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 23636	SWISS: P37198	
Target: Nucleoporin p62		
Immunogen: KLH conjugated synthetic peptide derived from human Nucleoporin p62: 451-522/522.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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 are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq].		

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3%BSA) at RT for 30min; Antibody incubation with (Nucleoporin p62) Polyclonal/Monoclonal Antibody, Unconjugated (bs-2935R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Blank control (Black line): Molt4 (Black). Primary Antibody (green line): Rabbit Anti-Nucleoporin p62 antibody (bs-2935R) Dilution: 1µg/10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white/blue line): Goat anti-rabbit IgG-AF647 Dilution: 1µg/test. Protocol: The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody was used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=3.923]** Manabe A et al. Upregulation of transient receptor potential melastatin 6 channel expression by

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rosiglitazone and all-trans-retinoic acid in erlotinib-treated renal tubular epithelial cells.(2018)J Cell Physiol. ICC ;. 30461012

- **[IF=3.337]** Ziyu Meng. et al. Sesamin promotes apoptosis and pyroptosis via autophagy to enhance antitumour effects on murine T-cell lymphoma. J Pharmacol Sci. 2021 Nov;147:260 WB ;Mouse. 34507635