

## Product datasheet for **TA369246**

### **NUP62 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat cells and human brain malignant glioma tissue, PC3, K562 and A549 cells IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NUP62
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	53 kDa
Gene Name:	nucleoporin 62kDa
Database Link:	<a href="#">Entrez Gene 23636 Human P37198</a>



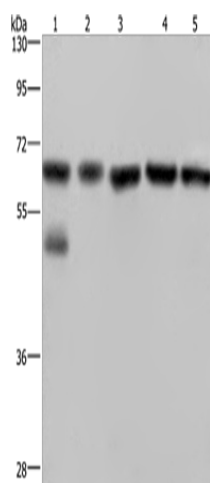
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**Background:**

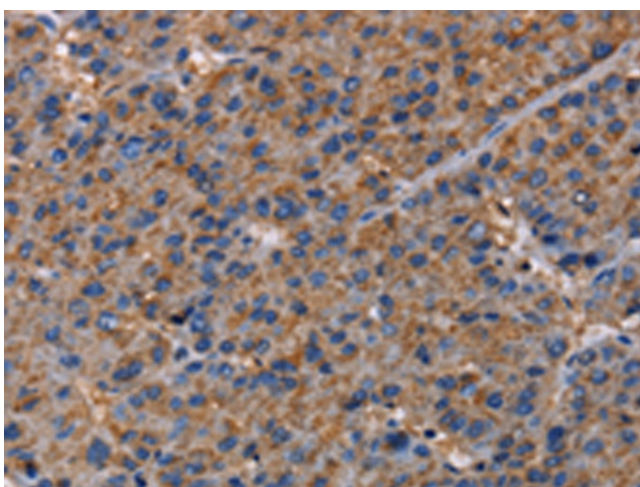
The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this 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.

**Synonyms:**

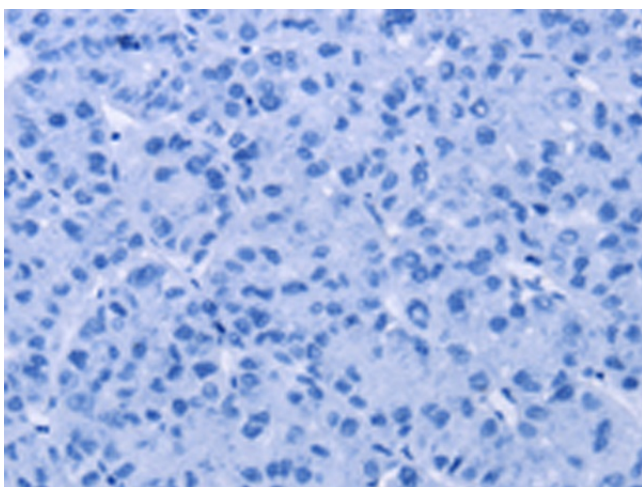
DKFZp547L134; FLJ20822; FLJ43869; IBSN; MGC841; p62; SNDI

**Product images:**

Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-5: Jurkat cells  
human brain malignant glioma tissue  
PC3 cells  
K562 cells  
A549 cells  
Primary antibody: TA369246 (NUP62 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369246 (NUP62 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369246 (NUP62 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )