

## Rabbit Anti-Ran/Biotin Conjugated antibody

SL4282R-Bio

<b>Product Name</b>	Anti-Ran/Biotin
<b>Chinese Name</b>	生物素标记的雄激素受体相关蛋白 24 抗体
<b>Alias</b>	Androgen receptor associated protein 24; Androgen receptor-associated protein 24; ARA 24; ARA24; Gsp1; GTP binding nuclear protein RAN; GTP-binding nuclear protein Ran; GTPase Ran; LPS; ran; RAN member RAS oncogene family; RAN_HUMAN; Ras like protein TC4; Ras related nuclear protein; Ras-like protein TC4; Ras-related nuclear protein; RASL2 8; TC 4; TC4.
<b>Research Area</b>	Tumour immunology Chromatin and nuclear signals Signal transduction Growth factors and hormones G protein-coupled receptor
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Rat(predicted:Mouse,Chicken,Dog,Pig,Cow) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	26kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Ran
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> GTP-binding protein involved in nucleocytoplasmic transport. Required for the import of protein into the nucleus and also for RNA export. Involved in

chromatin condensation and control of cell cycle (By similarity). The complex with BIRC5/ survivin plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules.

**Database links:**

[Entrez Gene: 5901](#) Human

[Entrez Gene: 100189578](#) Xenopus laevis

[Entrez Gene: 379874](#) Xenopus laevis

[Omim: 601179](#) Human

[SwissProt: P62826](#) Human

[SwissProt: P52301](#) Xenopus laevis

[Unigene: 10842](#) Human

[Unigene: 55052](#) Xenopus laevis

[Unigene: 57143](#) Xenopus laevis

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.