

## Goat RAN Polyclonal Antibody | anti-RAN antibody

Goat anti-RAN (aa 197-210) Antibody

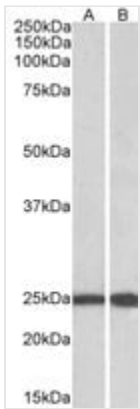
| CATALOG # | HOST | REACTIVITY                                                                           | APPLICATIONS        |
|-----------|------|--------------------------------------------------------------------------------------|---------------------|
| AAA61553  | Goat | Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow | Western Blot, ELISA |

### PRODUCT SYNONYMS

RAN; Polyclonal Antibody; Goat anti-RAN (aa 197-210) Antibody; Goat Anti-RAN Antibody; member RAS oncogene family; ARA24; Gsp1; TC4; GTP-binding nuclear protein Ran; GTPase Ran; OK/SW-cl.81; OTTHUMP00000166078; OTTHUMP00000166102; RanGTPase; androgen receptor-associated protein 24; guanosine triphosphatase Ran; member RAS oncogene; RAN antibody; member RAS oncogene family antibody; ARA24 antibody; Gsp1 antibody; TC4 antibody; GTP-binding nuclear protein Ran antibody; GTPase Ran antibody; OK/SW-cl.81 antibody; OTTHUMP00000166078 antibody; RanGTPase antibody; androgen receptor-associated protein 24 antibody; guanosine triphosphatase Ran antibody; member RAS oncogene antibody; RAN (aa 197-210); anti-RAN antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                       |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Goat                                                                                                                                  |
| Reactivity                                    | Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Cow                                                  |
| Clonality                                     | Polyclonal                                                                                                                            |
| Purity/Purification                           | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                   | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                 | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                      | YEHDLVAQT TALP                                                                                                                        |
| Sequence Length                               | 216                                                                                                                                   |
| Applicable Applications for anti-RAN antibody | WB (Western Blot), ELISA (Peptide ELISA)                                                                                              |
| Immunogen                                     | Peptide with sequence C-YEHDLVAQT TALP, from the C Terminus of the protein sequence according to NP_006316.1.                         |
| Epitope                                       | C Terminus                                                                                                                            |
| Santa Cruz Alternative                        | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1156                                                          |
| Preparation and Storage                       | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |



**WB (Western Blot)**  
0.1ug/ml staining of Mouse (A) and Rat (B) Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**WB (Western Blot)**  
1ug/ml staining of Human Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 5453555                                   |
| NCBI GeneID                      | 5901                                      |
| NCBI Accession #                 | NP_006316.1                               |
| NCBI GenBank Nucleotide #        | NM_006325.4                               |
| Molecular Weight                 | 24,423 Da                                 |
| NCBI Official Full Name          | GTP-binding nuclear protein Ran isoform 1 |
| NCBI Official Synonym Full Names | RAN, member RAS oncogene family           |
| NCBI Official Symbol             | RAN                                       |
| NCBI Official Synonym Symbols    | TC4; Gsp1; ARA24                          |
| NCBI Protein Information         | GTP-binding nuclear protein Ran           |
| UniProt Protein Name             | GTP-binding nuclear protein Ran           |
| UniProt Gene Name                | RAN                                       |
| UniProt Synonym Gene Names       | ARA24                                     |
| UniProt Entry Name               | RAN_HUMAN                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.