

RAN Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252027

Unit: 0.1 mg

Description:

GTP-binding nuclear protein Ran (RAN) is a GTP-binding protein involved in nucleocytoplasmic transport. RAN is required for the import of protein into the nucleus and also for RNA export. RAN is involved in chromatin condensation and control of cell cycle. 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. RAN enhances AR-mediated transactivation, which decreases as the poly-Gln length within AR increases.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R, Ck, D, X

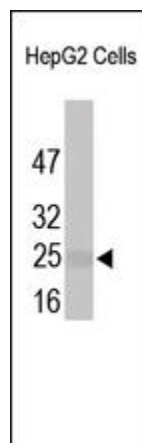
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: GTP-binding nuclear protein Ran; GTPase Ran; Ras-related nuclear protein; Ras-like protein TC4; Androgen receptor-associated protein 24; RAN; ARA24

Accession No.: P62826

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human RAN.

Application Notes: E: 1:10,000-1:40,000; WB: 1:100-1:500



The RAN Antibody is used in Western blot to detect RAN in HepG2 cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.