

Description

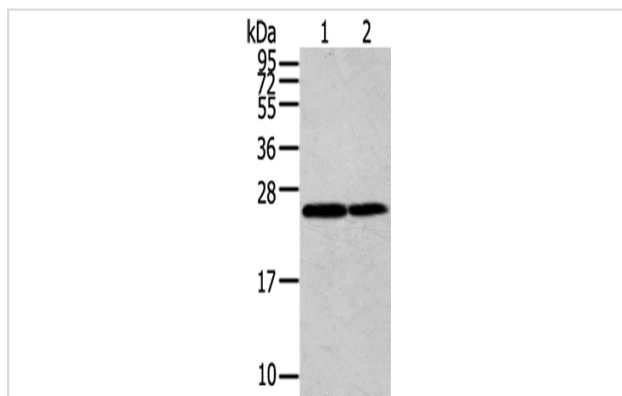
Product Name	RAN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RAN protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human RAN
Target Name	RAN
Other Names	TC4; Gsp1; ARA24
Accession No.	Swiss-Prot#: P62826 Gene ID: 5901
Uniprot	P62826
GeneID	5901;
Calculated MW	24kd
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane 1-2: Jurkat cells, HeLa cells,

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds

Background

RAN (ras-related nuclear protein) is a small GTP binding protein belonging to the RAS superfamily that is essential for the translocation of RNA and

proteins through the nuclear pore complex. The RAN protein is also involved in control of DNA synthesis and cell cycle progression. Nuclear localization of RAN requires the presence of regulator of chromosome condensation 1 (RCC1). Mutations in RAN disrupt DNA synthesis.

Note: This product is for in vitro research use only