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anti-RAN antibody (AA 1-216)





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Quantity:	100 μL
Target:	RAN
Binding Specificity:	AA 1-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	Recombinant Human GTP-binding nuclear protein Ran protein (1-216AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified
Target Details	
Target:	RAN
Alternative Name:	RAN (RAN Products)
Background:	Background: 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. Acts as a negative regulator of the kinase activity of VRK1 and VRK2. Enhances AR-mediated transactivation. Transactivation decreases as the poly-Gln length within AR increases.

Aliases: Androgen receptor associated protein 24 antibody, Androgen receptor-associated protein 24 antibody, ARA 24 antibody, ARA24 antibody, Gsp1 antibody, GTP binding nuclear protein RAN antibody, GTP-binding nuclear protein Ran antibody, GTPase Ran antibody, Guanosine triphosphatase Ran antibody, LPS antibody, OK/SW-cl.81 antibody, ran antibody, RAN member RAS oncogene family antibody, RAN_HUMAN antibody, RanGTPase antibody, Ras like protein TC4 antibody, Ras related nuclear protein antibody, TC 4 antibody, TC4 antibody

UniProt:

P62826

Pathways:

Regulatory RNA Pathways, Intracellular Steroid Hormone Receptor Signaling Pathway, Protein targeting to Nucleus

Application Details

Application	Notes:
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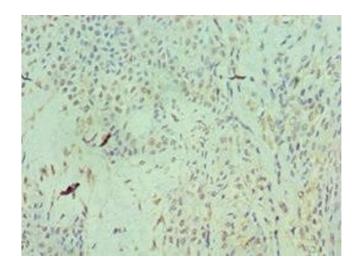
Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions:

For Research Use only

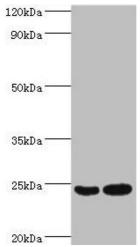
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7154577 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: RAN antibody at $2 \mu g/mL$ Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit lgG at 1/10000 dilution Predicted band size: 24 kDa Observed band size: 24 kDa