



# RANG rabbit pAb

Cat No.:ES10092

For research use only

## Overview

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<b>Product Name</b>	RANG rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 30-110
<b>Specificity</b>	RANG Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ran-specific GTPase-activating protein (Ran-binding protein 1) (RanBP1)
<b>Gene Name</b>	RANBP1
<b>Cellular localization</b>	intracellular,nucleus,nuclear envelope,cytoplasm,centrosome,cell-cell adherens junction,axon cytoplasm,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	22kD
<b>Human Gene ID</b>	5902
<b>Human Swiss-Prot Number</b>	P43487
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a protein that forms a complex with Ras-related nuclear protein (Ran) and metabolizes guanoside triphosphate (GTP). This complex participates in the regulation of the cell cycle by controlling transport of proteins and nucleic acids into the nucleus. There are multiple



pseudogenes for this gene on chromosomes 9, 12, 17, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],

Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

