

Product datasheet for **TA308769**

RANBP1 Rabbit Polyclonal Antibody

Product data:

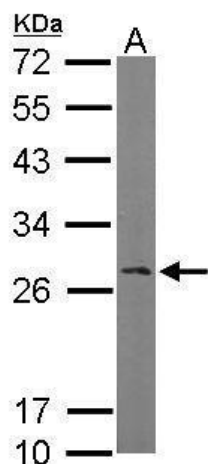
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Rat, Cow)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 201 of Ran BP1 (Uniprot ID#P43487)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	RAN binding protein 1
Database Link:	NP_002873 Entrez Gene 19385 Mouse Entrez Gene 360739 Rat Entrez Gene 5902 Human P43487
Background:	Ran/TC4-binding protein, RanBP1, interacts specifically with GTP-charged RAN. RANBP1 encodes a 23-kD protein that binds to RAN complexed with GTP but not GDP. RANBP1 does not activate GTPase activity of RAN but does markedly increase GTP hydrolysis by the RanGTPase-activating protein (RanGAP1). The RANBP1 cDNA encodes a 201-amino acid protein that is 92% similar to its mouse homolog. In both mammalian cells and in yeast, RANBP1 acts as a negative regulator of RCC1 by inhibiting RCC1-stimulated guanine nucleotide release from RAN. [provided by RefSeq]
Synonyms:	HTF9A



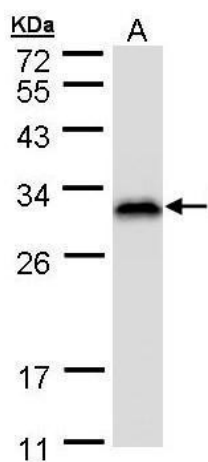
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Note: Seq homology of immunogen across species: Rat (97%), cow (88%)

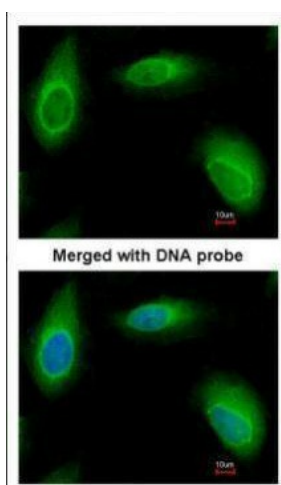
Product images:



Sample (50 ug of whole cell lysate). A: Mouse brain. 12% SDS PAGE. TA308769 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: HeLa S3. 12% SDS PAGE. TA308769 diluted at 1:1000



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Ran BP-1 (TA308769) antibody at 1:200 dilution.