

Rabbit anti-Human, Mouse RanBP2 Polyclonal Antibody | anti-RanBP2 antibody

Rabbit anti-RanBP2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211635	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RanBP2; Polyclonal Antibody; Rabbit anti-RanBP2 Antibody; Affinity Purified; nuclear pore complex protein Nup358; TRP1; transformation-related protein 2; ran-binding protein 2; P270; NUP358; TRP2; IIAE3; E3 SUMO-protein transferase RanBP2; E3 SUMO-protein ligase RanBP2; ANE1; ADANE; acute necrotizing encephalopathy 1 (autosomal dominant); 358 kDa nucleoporin; nucleoporin Nup358; nucleoporin 358; RAN binding protein 2; anti-RanBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RanBP2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chimpanzee
Immunogen	Between 1050 and 1100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse RanBP2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RanBP2 antibody AAA211635 (lot AAA211635-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human RanBP2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RanBP2 antibody AAA211635 (lot AAA211635-3) used for IP at 6 ug per reaction. RanBP2 was also immunoprecipitated by a previous lot of this antibody (lot AAA211635-2) and rabbit anti-RanBP2 antibody For blotting immunoprecipitated RanBP2, AAA211635 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RanBP2 antibody

Ran binding protein 2 (RanBP2) is a large multi-modular nucleoporin protein (also called NUP358) that bears several structural domains including a cyclophilin-type rotamase domain, four RanBD1 domains, eight RanBP2-type zinc fingers, and one TPR repeat. This variety of structural domains imparts pleiotropic qualities to RanBP2. RanBP2 has been shown to function as an E3 SUMO-protein ligase and is also part of the nuclear export pathway.

Product Categories/Family for anti-RanBP2 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	150418007
NCBI GeneID	5903
NCBI Accession #	NP_006258.3
NCBI GenBank Nucleotide #	NM_006267.4
UniProt Accession #	P49792; Q13074; Q15280; Q53TE2; Q59FH7
Molecular Weight	358,199 Da
NCBI Official Full Name	E3 SUMO-protein ligase RanBP2
NCBI Official Synonym Full Names	RAN binding protein 2
NCBI Official Symbol	RANBP2
NCBI Official Synonym Symbols	ANE1; TRP1; TRP2; ADANE; IIAE3; NUP358
NCBI Protein Information	E3 SUMO-protein ligase RanBP2; P270; nucleoporin 358; nucleoporin Nup358; 358 kDa nucleoporin; ran-binding protein 2; transformation-related protein 2; nuclear pore complex protein Nup358; acute necrotizing encephalopathy 1 (autosomal dominant)
UniProt Protein Name	E3 SUMO-protein ligase RanBP2
UniProt Gene Name	RANBP2
UniProt Synonym Gene Names	NUP358; RanBP2
UniProt Entry Name	RBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ranbp2-antibody-immunoprecipitation-western-blot-elisa/211635>