

Rabbit anti-Human, Mouse RanBP3 Polyclonal Antibody | anti-RanBP3 antibody

Rabbit anti-RanBP3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211513	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RanBP3; Polyclonal Antibody; Rabbit anti-RanBP3 Antibody; Affinity Purified; epididymis secretory sperm binding protein; ran-binding protein 3; Ran-binding protein 3; RAN binding protein 3; anti-RanBP3 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-RanBP3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 150 and 200
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 RanBP3 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-RanBP3 antibody AAA211513 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. RanBP3 was also immunoprecipitated by rabbit anti-RanBP3 antibody BL5964, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human RanBP3 by immunohistochemistry. Sample: FFPE sections of human ovarian carcinoma (left) and colon carcinoma (right). Antibody: Affinity purified rabbit anti-RanBP3 (Cat. No. AAA211513 Lot1) used at a dilution of 1:200 (1ug/ml) and 1:80 (2.5 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-RanBP3 antibody

Ran binding protein 3 (RanBP3) is a Ran (ras-related nuclear protein) binding protein and a component of a nuclear transport complex that functions to export proteins out of the nucleus. RanBP3 binds the nucleocytoplasmic transport receptor, CRM1, and facilitates the export of CRM1 substrates. Recently it has been shown that RanBP3 function is regulated by the Ras/ERK/RSK and PI3K/Akt signaling pathway. This finding has provided a link between nuclear transport, cell signaling, and cell fate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6466466
NCBI GeneID	8498
NCBI Accession #	NP_015561.1
NCBI GenBank Nucleotide #	NM_007322.2
UniProt Accession #	Q9H6Z4; O60405; O75759; O75760; Q9BT47; Q9UG74; B2RAT8
Molecular Weight	53,411 Da
NCBI Official Full Name	ran-binding protein 3 isoform RANBP3-d
NCBI Official Synonym Full Names	RAN binding protein 3
NCBI Official Symbol	RANBP3
NCBI Protein Information	ran-binding protein 3
UniProt Protein Name	Ran-binding protein 3
UniProt Gene Name	RANBP3
UniProt Synonym Gene Names	RanBP3
UniProt Entry Name	RANB3_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/ranbp3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211513>