

Rabbit anti-Human, Mouse EXOSC10 Polyclonal Antibody | anti-EXOSC10 antibody

Rabbit anti-EXOSC10 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212430	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

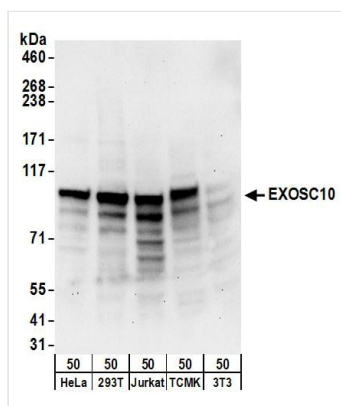
PRODUCT SYNONYMS

EXOSC10; Polyclonal Antibody; Rabbit anti-EXOSC10 Antibody; Affinity Purified; PMSCL; PM-Scl; Rrp6p; PMSCL2; P100 polymyositis-scleroderma overlap syndrome-associated autoantigen; polymyositis/scleroderma autoantigen 100 kDa; RRP6; polymyositis/scleroderma autoantigen 2; p4; p2; exosome component 10; autoantigen PM-SCL; Autoantigen PM/Scl 2; p3; PM/Scl-100; Exosome component 10; anti-EXOSC10 antibody

PRODUCT SPECIFICATIONS

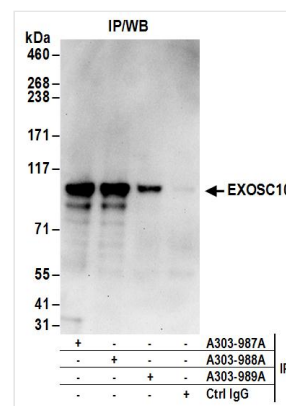
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-EXOSC10 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



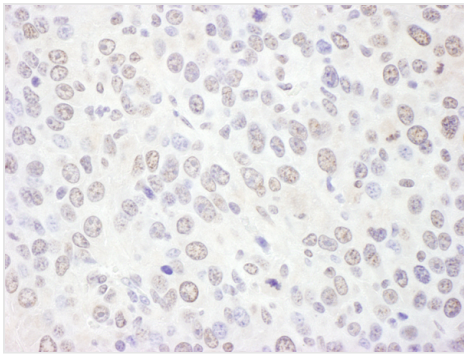
WB (Western Blot)

Detection of human and mouse EXOSC10 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-EXOSC10 antibody AAA212430 (lot AAA212430-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



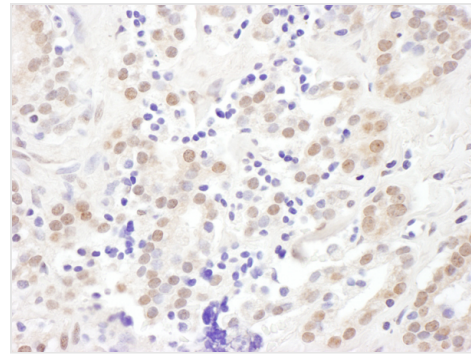
IP (Immunoprecipitation)

Detection of human EXOSC10 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-EXOSC10 antibody AAA212430 (lot AAA212430-1) used for IP at 6 ug/mg lysate. EXOSC10 was also immunoprecipitated by rabbit anti-EXOSC10 antibodies and For blotting immunoprecipitated EXOSC10, AAA212430 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of mouse EXOSC10 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-EXOSC10 (Cat. No. AAA212430 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human EXOSC10 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-EXOSC10 (Cat. No. AAA212430 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-EXOSC10 antibody	Exosome component 10 (EXOSC10) is a putative catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRN. It is also involved in the elimination of RNA-processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q01780].
Product Categories/Family for anti-EXOSC10 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5394
UniProt Accession #	Q01780
UniProt Protein Name	Exosome component 10
UniProt Gene Name	EXOSC10
UniProt Synonym Gene Names	PMSCL; PMSCL2; RRP6; PM/ScI-100
UniProt Entry Name	EXOSX_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/exosc10-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212430>