

Rabbit anti-Human, Mouse Sm-D3 Polyclonal Antibody | anti-Sm-D3 antibody

Rabbit anti-Sm-D3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212403	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Sm-D3; Polyclonal Antibody; Rabbit anti-Sm-D3 Antibody; Affinity Purified; snRNP core protein D3; small nuclear ribonucleoprotein Sm D3; small nuclear ribonucleoprotein D3 polypeptide 18kDa; SMD3; Small nuclear ribonucleoprotein Sm D3; small nuclear ribonucleoprotein D3 polypeptide; anti-Sm-D3 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-Sm-D3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	X. laevis
Immunogen	Between 76 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



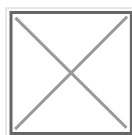
WB (Western Blot)

Detection of human Sm-D3 by western blot. Samples: Whole cell lysate from HeLa (15 and 50 ug), HEK293T (50ug), and Jurkat (50ug) cells. Antibodies: Affinity purified rabbit anti-Sm-D3 antibody AAA212403 (lot AAA212403-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



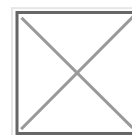
IP (Immunoprecipitation)

Detection of human Sm-D3 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-Sm-D3 antibody AAA212403 (lot AAA212403-1) used for IP at 6 ug/mg lysate. For blotting immunoprecipitated Sm-D3, AAA212403 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of mouse Sm-D3 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-Sm-D3 (Cat. No. AAA212403 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human Sm-D3 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-Sm-D3 (Cat. No. AAA212403 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Sm-D3 antibody	Small nuclear ribonucleoprotein D3 polypeptide 18kDa (Sm-D3) appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Sm-D3 binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P62318].
Product Categories/Family for anti-Sm-D3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	521258686
NCBI GeneID	6634
NCBI Accession #	NP_004166.1
NCBI GenBank Nucleotide #	NM_004175
UniProt Accession #	P62318 ; P43331 ; B4DJP7 ; B5BU13
Molecular Weight	13,292 Da
NCBI Official Full Name	Homo sapiens small nuclear ribonucleoprotein D3 polypeptide 18kDa (SNRPD3), transcript variant 1, mRNA
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D3 polypeptide 18kDa
NCBI Official Symbol	SNRPD3
NCBI Official Synonym Symbols	SMD3; Sm-D3
NCBI Protein Information	small nuclear ribonucleoprotein Sm D3; snRNP core protein D3
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D3
UniProt Gene Name	SNRPD3
UniProt Synonym Gene Names	Sm-D3
UniProt Entry Name	SMD3_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/sm-d3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212403>