

Rabbit FOX2/RBM9 Polyclonal Antibody | anti-FOX2/RBM9 antibody

Rabbit anti-FOX2/RBM9 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23776	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

FOX2/RBM9; Polyclonal Antibody; Rabbit anti-FOX2/RBM9 Antibody; Affinity Purified; RNA binding protein fox-1 homolog 2; RTA; RNA-binding protein 9; RNA binding protein; fox-1 homolog 2; repressor of tamoxifen transcriptional activity; RBM9; HRNBP2; fox-1 homolog B; RNA-binding motif protein 9; HNRBP2; dJ106l20.3; fox-1 homologue; FOX2; Fox-2; fxb; hexaribonucleotide-binding protein 2; RNA binding fox-1 homolog 2; anti-FOX2/RBM9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-FOX2/RBM9 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:2000-1:10,000 IP: 6ug/mg lysate IHC: 1:2000 to 1:10,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 ul per 1 x 10 ⁶ cells.
Immunogen	Between 1 and 50
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 FOX2/RBM9 by western blot. Samples: Whole cell lysate (10 ug) from U2OS, HEK293T, Hep-G2, HeLa, and GaMG cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RBM9 antibody (AAA23776 lot 4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of human FOX2/RBM9 by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, TCMK-1, CT26, and C6 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RBM9 antibody AAA23776 (lot AAA23776-4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



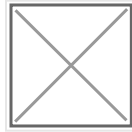
IP (Immunoprecipitation)

Detection of human FOX2/RBM9 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RBM9 antibody (AAA23776 lot 4) used for IP at 6 ug per reaction. RBM9 was also immunoprecipitated by a previous lot of this antibody (AAA23776 lot 3) and a second antibody to a different epitope of RBM9 (BL2440). For blotting immunoprecipitated RBM9, AAA23776 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



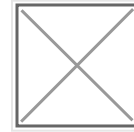
IHC (Immunohistochemistry)

Detection of human FOX2/RBM9 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-RBM9 (AAA23776 Lot 4) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



FCM (Flow Cytometry)

Detection of human RBM9 (shaded) in HeLa cells by flow cytometry. Antibody: Rabbit anti-RBM9 polyclonal antibody (AAA23776) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .



FCM (Flow Cytometry)

Detection of mouse RBM9 (shaded) in EL4 cells by flow cytometry. Antibody: Rabbit anti-RBM9 polyclonal antibody (AAA23776) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-FOX2/RBM9 antibody	RBM9 (RNA binding motif protein 9) is a member of the Fox family of pre-mRNA splicing regulatory proteins. RBM9, also known as Fox-2, has been identified as an important regulator of tissue-specific alternative splicing that functions as a switch to activate intron inclusion during cell and tissue development. RBM9 has also been identified as a negative coregulator of the estrogen receptor (ER).
Product Categories/Family for anti-FOX2/RBM9 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657504
NCBI GeneID	23543
NCBI Accession #	NP_055124.1
NCBI GenBank Nucleotide #	NM_014309.3
UniProt Accession #	O43251 ; Q0PRL5 ; Q0VH35 ; Q5TF71 ; Q6IC09 ; Q8TD00 ; Q8WYB1 ; Q96DZ6 ; A4F5G8 ; A8K5Z5 ; B0QYY8 ; B0QYY9
Molecular Weight	40,351 Da
NCBI Official Full Name	RNA binding protein fox-1 homolog 2 isoform 2
NCBI Official Synonym Full Names	RNA binding fox-1 homolog 2
NCBI Official Symbol	RBFOX2
NCBI Official Synonym Symbols	RTA; fxh; FOX2; RBM9; Fox-2; HNRBP2; HRNBP2; dJ106I20.3
NCBI Protein Information	RNA binding protein fox-1 homolog 2
UniProt Protein Name	RNA binding protein fox-1 homolog 2
UniProt Gene Name	RBFOX2
UniProt Synonym Gene Names	FOX2; HRNBP2; RBM9; RTA
UniProt Entry Name	RFOX2_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/fox2-rbm9-antibody-western-blot-immunoprecipitation-immunohistochemistry-flow-cytometry-elisa/23776>