

Rabbit anti-Human, Mouse RBFOX2 Polyclonal Antibody | anti-RBFOX2 antibody

RBFOX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234423	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

RBFOX2; Polyclonal Antibody; RBFOX2 Antibody; RNA binding protein fox-1 homolog 2; Fox-1 homolog B; Hexaribonucleotide-binding protein 2; RNA-binding motif protein 9; RNA-binding protein 9; Repressor of tamoxifen transcriptional activity; FOX2; HRNBP2; RBM9; RTA; anti-RBFOX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	380
Applicable Applications for anti-RBFOX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human RNA binding protein fox-1 homolog 2 protein (8-110AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Research Area	Epigenetics and Nuclear Signaling
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234423 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234423 diluted at 1:400 and staining in paraffin-embedded human glioma cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234423 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: NIH/3T3 whole cell lysate All lanes: RBFOX2 antibody at 6ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42, 41, 38, 40, 48, 44 KDa Observed band size: 42 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-RBFOX2 antibody	RNA-binding protein that regulates alternative splicing events by binding to 5'-UGCAUGU-3' elements. Prevents binding of U2AF2 to the 3'-splice site. Regulates alternative splicing of tissue-specific exons and of differentially spliced exons during erythropoiesis (By similarity). RNA-binding protein that seems to act as a coregulatory factor of ER-alpha.
Product Categories/Family for anti-RBFOX2 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	72534682
NCBI GeneID	23543
NCBI Accession #	NP_001026865.1
NCBI GenBank Nucleotide #	NM_001031695.3
UniProt Accession #	O43251; Q0PRL5; Q0VH35; Q5TF71; Q6IC09; Q8TD00; Q8WYB1; Q96DZ6; A4F5G8; A8K5Z5; B0QYY8; B0QYY9
NCBI Official Full Name	RNA binding protein fox-1 homolog 2 isoform 1
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

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/rbfox2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234423>