

SF2 Polyclonal Antibody | anti-SF2 antibody

Anti-SF2 Antibody

CATALOG # AAA46370	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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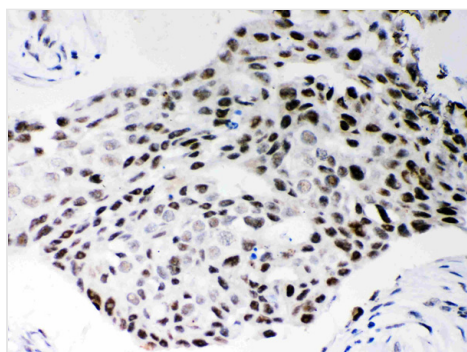
PRODUCT SYNONYMS

SF2; Polyclonal Antibody; Anti-SF2 Antibody; Serine/arginine-rich splicing factor 1; Alternative splicing factor 1; Alternative-splicing factor 1; arginine/serine-rich 1; ASF 1; ASF; ASF-1; ASF1; FLJ53078; MGC5228; P33 subunit; Pre mRNA splicing factor SF2 P33 subunit; pre-mRNA-splicing factor SF2; SF2P33; SFRS1; Splicing factor 2 alternate splicing factor; Splicing factor 2; Splicing factor; Splicing factor arginine/serine rich 1; SR Splicing factor 1; SRp30a; srsf1; SRSF1_HUMAN; serine/arginine-rich splicing factor 1; anti-SF2 antibody

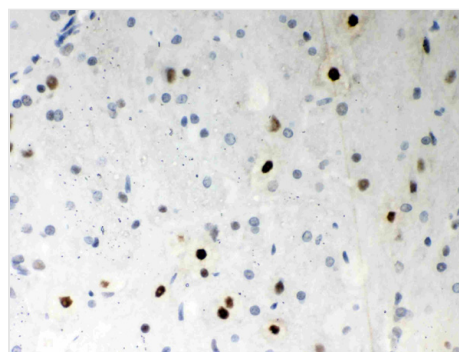
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	201
Applicable Applications for anti-SF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of Human SF2(6-33aa VIRGPAGNNDCRIYVGNLPPDIRTKDIE), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

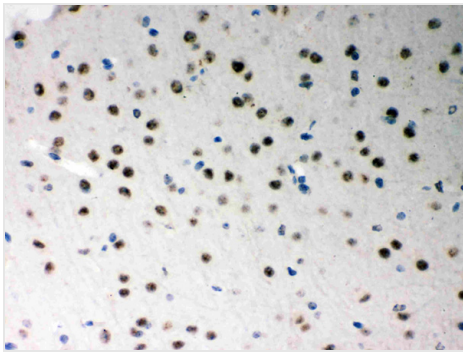
IMAGES



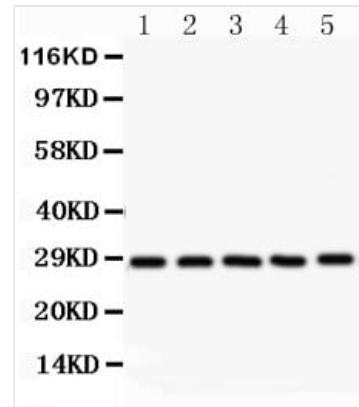
IHC (Immunohistochemistry)
Anti- SF2 Picoband antibody, AAA46370, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- SF2 Picoband antibody, AAA46370, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti- SF2 Picoband antibody, AAA46370, IHC(P)IHC(P): Mouse Brain Tissue



WB (Western Blot)
Anti- SF2 Picoband antibody, AAA46370, Western blottingAll lanes: Anti SF2 (AAA46370) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: Rat Brain Tissue Lysate at 50ugLane 3: NEURO Whole Cell Lysate at 40ugLane 4: 293T Whole Cell Lysate at 40ugLane 5: SW620 Whole Cell Lysate at 40ugPredicted bind size: 28KDObserved bind size: 28KD

ADDITIONAL INFORMATION

Related Product Information for anti-SF2 antibody	Description: Rabbit IgG polyclonal antibody for Serine/arginine-rich splicing factor 1(SRSF1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: SF2, also known as Serine/arginine-rich splicing factor 1 (SRSF1), is a protein that in humans is encoded by the SFRS1 gene. This gene encodes a member of the arginine/serine-rich splicing factor protein family. There is a pseudogene of this gene on chromosome 13. The encoded protein can either activate or repress splicing, depending on its phosphorylation state and its interaction partners. Multiple transcript variants have been found for this gene. ASF/SF2 is necessary for all splicing reactions to occur, and influences splice site selection in a concentration-dependent manner, resulting in alternative splicing.
References	1. "Entrez Gene: SFRS1 splicing factor, arginine/serine-rich 1 (splicing factor 2, alternate splicing factor)". 2. Michlewski G, Sanford JR, Cáceres JF (April 2008). "The splicing factor SF2/ASF regulates translation initiation by enhancing phosphorylation of 4E-BP1". Mol. Cell 30 (2): 179-89. 3. Zuo P, Manley JL (December 1993)."Functional domains of the human splicing factor ASF/SF2". EMBO J. 12 (12): 4727-37.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118582269
NCBI GeneID	6426
NCBI Accession #	NP_001071634.1
NCBI GenBank Nucleotide #	NM_001078166.1
UniProt Accession #	Q07955 ; Q13809 ; B2R6Z7 ; D3DTZ3
Molecular Weight	22,460 Da
NCBI Official Full Name	serine/arginine-rich splicing factor 1 isoform 2
NCBI Official Synonym Full Names	serine/arginine-rich splicing factor 1
NCBI Official Symbol	SRSF1
NCBI Official Synonym Symbols	ASF; SF2; SFRS1; SF2p33; SRp30a
NCBI Protein Information	serine/arginine-rich splicing factor 1
UniProt Protein Name	Serine/arginine-rich splicing factor 1
UniProt Gene Name	SRSF1
UniProt Synonym Gene Names	ASF; SF2; SF2P33; SFRS1; ASF-1

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/sf2-antibody-immunohistochemistry-western-blot-elisa/46370>