

Rabbit anti-Human, Mouse SPF45 Polyclonal Antibody | anti-SPF45 antibody

Rabbit anti-SPF45 Antibody, Affinity Purified

CATALOG # AAA211897	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Immunoprecipitation
-------------------------------	-----------------------	-----------------------------------	--

PRODUCT SYNONYMS

SPF45; Polyclonal Antibody; Rabbit anti-SPF45 Antibody; Affinity Purified; 45 kDa-splicing factor; RNA-binding motif protein 17; splicing factor 45; splicing factor 45kDa; Splicing factor 45; RNA binding motif protein 17; anti-SPF45 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-SPF45 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human SPF45 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SPF45 antibody AAA211897 (lot AAA211897-3) used for IP at 6 ug per reaction. SPF45 was also immunoprecipitated by a previous lot of this antibody (lot AAA211897-2) and rabbit anti-SPF45 antibody For blotting immunoprecipitated SPF45, AAA211897 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of mouse SPF45 by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-SPF45 (Cat. No. AAA211897 lot 3) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-SPF45 antibody

Splicing factor 45 (SPF45) is an RNA splicing factor that binds to the single stranded 3'AG at the exon/intron border and promotes its utilization in the second catalytic step. SPF45 is involved in the regulation of alternative splicing and the utilization of cryptic splice sites. It has been shown to promote the utilization of a cryptic splice site created by the beta-110 mutation in the human beta-thalassemia gene. The resulting frameshift leads to sickle cell anemia [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q96125].

NCBI AND UNIPROT INFORMATION

NCBI GI #	14249678
NCBI GeneID	84991
NCBI Accession #	NP_116294.1
NCBI GenBank Nucleotide #	NM_032905.5
UniProt Accession #	Q96I25
Molecular Weight	44 kDa
NCBI Official Synonym Full Names	RNA binding motif protein 17
NCBI Official Symbol	RBM17
NCBI Official Synonym Symbols	SPF45
NCBI Protein Information	splicing factor 45
UniProt Protein Name	Splicing factor 45
UniProt Gene Name	RBM17
UniProt Synonym Gene Names	SPF45
UniProt Entry Name	SPF45_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/spf45-antibody-immunohistochemistry-immunoprecipitation-elisa/211897>