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Anti-SRSF4 Antibody

Catalog # AP51534

Product Information

Application	WB, IHC
Primary Accession	Q08170
Reactivity	Human, Mouse, Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56678

Additional Information

Gene ID	6429
Other Names	SFRS4; SRP75; Serine/arginine-rich splicing factor 4; Pre-mRNA-splicing factor SRP75; SRP001LB; Splicing factor, arginine/serine-rich 4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SRSF4. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

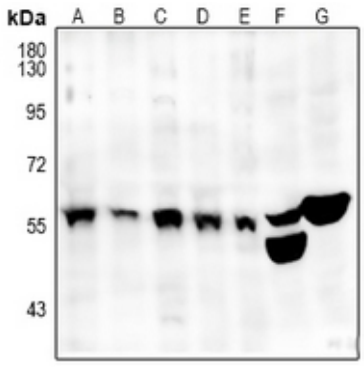
Name	SRSF4
Synonyms	SFRS4, SRP75
Function	Plays a role in alternative splice site selection during pre- mRNA splicing. Represses the splicing of MAPT/Tau exon 10.
Cellular Location	Nucleus speckle.

References

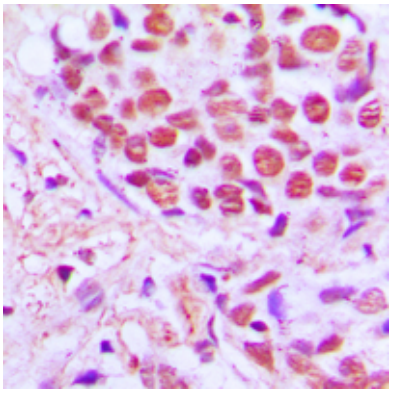
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Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
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Zahler A.M.,et al.Genes Dev. 6:837-847(1992).

Images



Western blot analysis of SRSF4 expression in H1792 (A), Beas2B (B), SGC7901 (C), EC9706 (D), HEK293T (E), mouse kidney (F), rat heart (G) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 57 kD)



Immunohistochemical analysis of SRSF4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.