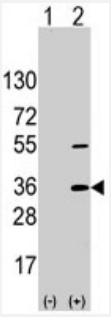
SSR1 polyclonal antibody

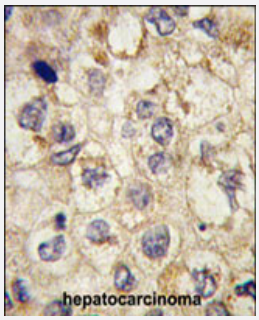
Catalog # PAB3091 Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of SSR1 (arrow) using SSR1 polyclonal antibody (Cat # PAB3091). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SSR1 gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with SSR1 polyclonal antibody (Cat # PAB3091) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SSR1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human SSR1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — SSR1

Entrez GeneID	6745
Protein Accession#	NP_003135;P43307
Gene Name	SSR1
Gene Alias	DKFZp781N23103, FLJ14232, FLJ22100, FLJ23034, FLJ78242, FLJ93042, TRAPA
Gene Description	signal sequence receptor, alpha
Omim ID	600868
Gene Ontology	Hyperlink
Gene Summary	The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane rec eptor associated with protein translocation across the ER membrane. The SSR consists of 2 sub units, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are mostly non-canonical. [provided by RefSe q

Other Designations	SSR alpha subunit|TRAP alpha|translocon-associated protein alpha subunit

Publication Reference

- Translocon-associated protein alpha transcripts are induced by granulocyte-macrophage colony-stimulating factor and exhibit complex alternative polyadenylation.

  Hirama T, Miller CW, Koeffler HP.

  FEBS Letters 1999 Jul; 455(3):223.

- The N-terminal region of the alpha-subunit of the TRAP complex has a conserved cluster of negative charges.

  Hartmann E, Prehn S.

  FEBS Letters 1994 Aug; 349(3):324.