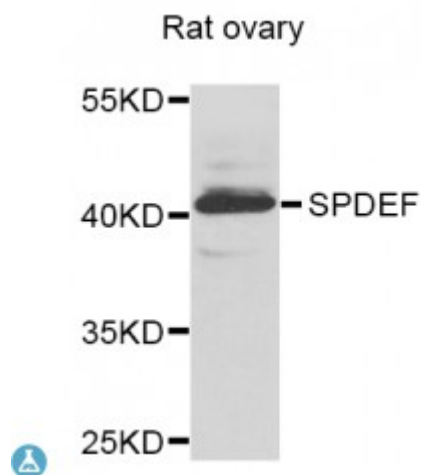


Anti-SPDEF Antibody



Description

The protein encoded by this gene belongs to the ETS family of transcription factors. It is highly expressed in the prostate epithelial cells, and functions as an androgen-independent transactivator of prostate-specific antigen (PSA) promoter. Higher expression of this protein has also been reported in brain, breast, lung and ovarian tumors, compared to the corresponding normal tissues, and it shows better tumor-association than other cancer-associated molecules, making it a more suitable target for developing specific cancer therapies. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Model	STJ116049
Host	Rabbit
Reactivity	Human, Rat
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human SPDEF (NP_036523.1).
Gene ID	25803
Gene Symbol	SPDEF
Dilution range	WB 1:500 - 1:1000 IF 1:50 - 1:100
Tissue Specificity	Expressed in a very restricted set of primarily hormone-regulated epithelial tissues with particularly high expression in the prostate gland, Significantly lower expression is seen in other hormone regulated tissues such as mammary gland, salivary gland, and ovary, Expressed in prostate carcinoma cells

Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	SAM pointed domain-containing Ets transcription factor Prostate epithelium-specific Ets transcription factor Prostate-specific Ets Prostate-derived Ets factor
Molecular Weight	37.518 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17257 OMIM:608144
Alternative Names	SAM pointed domain-containing Ets transcription factor Prostate epithelium-specific Ets transcription factor Prostate-specific Ets Prostate-derived Ets factor
Function	May function as an androgen-independent transactivator of the prostate-specific antigen (PSA) promoter, Binds to 5'-GGAT-3' DNA sequences, May play a role in the regulation of the prostate gland and/or prostate cancer development, Acts as a transcriptional activator for SERPINB5 promoter,
Cellular Localization	Nucleus