

SPDEF antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10278

Product Information

Application	WB
Primary Accession	O95238
Other Accession	NM_012391 , NP_036523
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37518

Additional Information

Gene ID	25803
Alias Symbol	PDEF, RP11-375E1__A.3, bA375E1.3
Other Names	SAM pointed domain-containing Ets transcription factor, Prostate epithelium-specific Ets transcription factor, Prostate-specific Ets, Prostate-derived Ets factor, SPDEF, PDEF, PSE
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-SPDEF antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SPDEF antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SPDEF
Synonyms	PDEF, PSE
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 Location	Nucleus.

Tissue Location

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

References

Fowler, M., (2006) J. Cell. Biochem. 97 (1), 1-17
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

