

SPDEF antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10377**Specification****SPDEF antibody - middle region - Product Information**

Application	WB
Primary Accession	O95238
Other Accession	NM_012391 , NP_036523
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

SPDEF antibody - middle region - 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 50 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 - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SPDEF antibody - middle region - 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

SPDEF antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)