

## SPDEF

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**Reactivity:**Human Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**38kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human SPDEF

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PDEF; bA375E1.3;

**Catalog #:**A6747

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**25803

**Isotype:**IgG

**Swiss Prot:**O95238

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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