

# SPEN polyclonal antibody

Catalog # PAB6987      Size 100 ug

## Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SPEN.
Immunogen	A synthetic peptide corresponding to human SPEN.
Sequence	C-DSEGKMDDKKEDHKE
Host	Goat
Theoretical MW (kDa)	402
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — SPEN

**Entrez GeneID** [23013](#)

**Protein Accession#** [NP\\_055816.2](#)

**Gene Name** SPEN

**Gene Alias** KIAA0929, MINT, RP1-134O19.1, SHARP

**Gene Description** spen homolog, transcriptional regulator (Drosophila)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a hormone inducible transcriptional repressor. Repression of transcription by this gene product can occur through interactions with other repressors, by the recruitment of proteins involved in histone deacetylation, or through sequestration of transcriptional activators. The product of this gene contains a carboxy-terminal domain that permits binding to other corepressor proteins. This domain also permits interaction with members of the NuRD complex, a nucleosome remodeling protein complex that contains deacetylase activity. In addition, this repressor contains several RNA recognition motifs that confer binding to a steroid receptor RNA coactivator; this binding can modulate the activity of both liganded and nonliganded steroid receptors. [provided by RefSeq]

**Other Designations** Msx2 interacting nuclear target (MINT) homolog|OTTHUMP00000010982|OTTHUMP00000044600|SMART/HDAC1 associated repressor protein|nuclear receptor transcription cofactor|spen homolog, transcriptional regulator

## Publication Reference

- [Interaction of the Epstein-Barr virus mRNA export factor EB2 with human Spen proteins SHARP, OTT1, and a novel member of the family, OTT3, links Spen proteins with splicing regulation and mRNA export.](#)

Hiriart E, Gruffat H, Buisson M, Mikaelian I, Keppler S, Meresse P, Mercher T, Bernard OA, Sergeant A, Manet E.

The Journal of Biological Chemistry 2005 Nov; 280(44):36935.