



Anti-SPEN polyclonal antibody (DPAB-DC1029)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
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Immunogen	A synthetic peptide corresponding to human SPEN. The sequence is C-DSEGKMDDKKEDHKE
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SPEN spen family transcriptional repressor [Homo sapiens (human)]
Official Symbol	SPEN
Synonyms	SPEN; spen family transcriptional repressor; MINT; SHARP; RBM15C; HIAA0929; msx2-interacting protein; nuclear receptor transcription cofactor; spen homolog, transcriptional regulator; SMART/HDAC1 associated repressor protein; SMART/HDAC1-associated repressor protein; Msx2 interacting nuclear target (MINT) homolog;
Entrez Gene ID	23013
Protein Refseq	NP_055816
UniProt ID	Q96T58
Chromosome Location	1p36
Pathway	Delta-Notch Signaling Pathway; Notch-mediated HES/HEY network;
Function	RNA polymerase II transcription factor binding; RNA polymerase II transcription factor binding transcription factor activity involved in negative regulation of transcription; nucleotide binding; poly(A) RNA binding