

Product datasheet

Anti-SCP3 antibody ab83341

画像数 2

製品の概要

製品名	Anti-SCP3 antibody
製品の詳細	Rabbit polyclonal to SCP3
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB, ELISA
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 2-51 (VSSGKKYSRK SGKPSVEDQF TRAYDFETED KKDLGSEED VIEGKTAVIE) of human SCP3 (NP_710161). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Jurkat cell lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 2% Sucrose, PBS
精製度	Immunogen affinity purified
特記事項 (精製)	Purified by peptide affinity chromatography method.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab83341** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

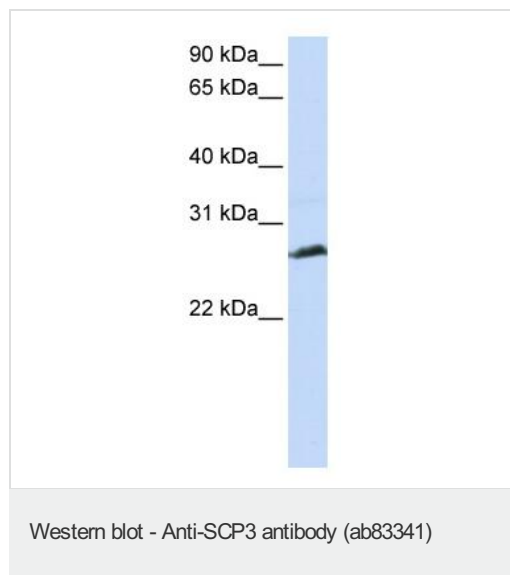
アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 28 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. ELISA titre using peptide based assay, 1:312500.

ターゲット情報

機能	Component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Has an essential meiotic function in spermatogenesis. May be important for testis development.
組織特異性	Testis-specific.
関連疾患	Defects in SYCP3 are a cause of azoospermia due to perturbations of meiosis (AZSPM) [MIM:270960]. AZSPM is a condition of having no sperm present in the ejaculate. Testicular histology shows arrest of spermatogenesis at the pachytene stage of primary spermatocytes.
配列類似性	Belongs to the XLR/SYCP3 family.
細胞内局在	Nucleus. In tripartite segments of synaptonemal complexes, irrespective of whether these are synapsed or unsynapsed.

画像



Anti-SCP3 antibody (ab83341) at 1 µg/ml (in 5% skim milk / PBS buffer) + Jurkat cell lysate at 10 µg

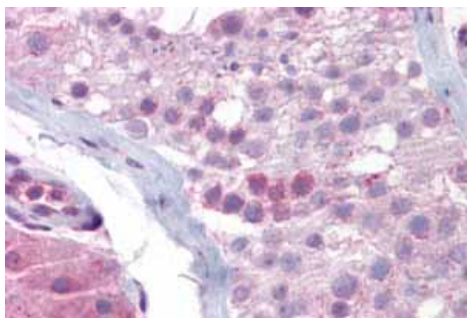
Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 28 kDa

Observed band size: 28 kDa

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human testis tissue labelling SCP3 with ab83341 at 5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCP3 antibody (ab83341)

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