

## Product datasheet

### Anti-Spt6 antibody ab32820

★★★★★ 1 Abreviews 9 References 画像数 3

#### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-Spt6 antibody  |
| 製品の詳細        | Rabbit polyclonal to Spt6   |
| 由来種          | Rabbit  |
| アプリケーション     | 適用あり: IHC-P, IP, WB   |
| 種交差性         | 交差種: Human<br>交差が予測される動物種: Mouse, Zebrafish                                    |
| 免疫原          | Synthetic peptide conjugated to KLH derived from within residues 1150 - 1250 of Human Spt6. Immunogen の所有権に関して (Peptide available as <a href="#">ab32819</a> .) |
| ポジティブ・コントロール | This antibody gave a positive signal for the following cell lysates: HeLa Nuclear; HeLa; Jurkat.  |

#### 製品の特性

|        |  |
|--------|--|
| 製品の状態  | Liquid   |
| 保存方法   | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| バッファー  | Preservative: 0.02% Sodium Azide<br>Constituents: 1% BSA, PBS. pH 7.4  |
| 精製度    | Immunogen affinity purified  |
| 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 **ab32820** in the following tested applications.

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

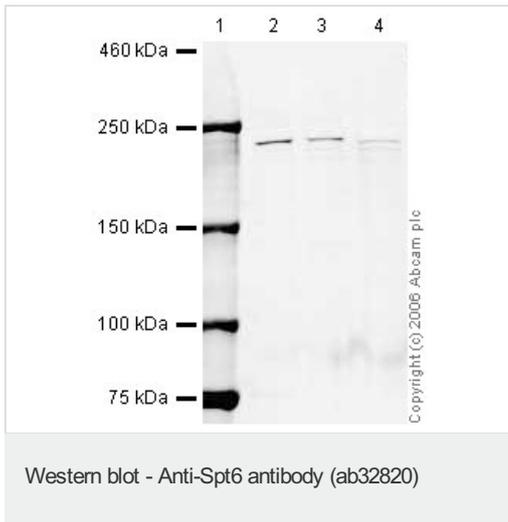
| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| IHC-P    |           | 1/30. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |
| IP       |           | Use at an assay dependent concentration.  |

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| WB       | ★★★★★     | 1/500. Detects a band of approximately 230 kDa (predicted molecular weight: 199 kDa). |

## ターゲット情報

|       |  |
|-------|--|
| 機能    | Acts to stimulate transcriptional elongation by RNA polymerase II.                   |
| 組織特異性 | Ubiquitously expressed.  |
| 配列類似性 | Belongs to the SPT6 family.<br>Contains 1 S1 motif domain.<br>Contains 1 SH2 domain. |
| 細胞内局在 | Nucleus.   |

## 画像



**Lane 1 :** Marker

**Lanes 2-4 :** Anti-Spt6 antibody (ab32820) at 1/500 dilution

**Lane 5 :** High Mark marker

**Lane 2 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate at 10  $\mu$ g

**Lane 3 :** Jurkat whole cell lysate (ab7899) at 20  $\mu$ g

**Lane 4 :** HeLa (Human epithelial carcinoma cell line) Nuclear Lysate at 20  $\mu$ g

### Secondary

**Lanes 2-4 :** IR Dye 680 Conjugated Goat anti Rabbit IgG (H+L) at 1/21250 dilution

Performed under reducing conditions.

**Predicted band size:** 199 kDa

**Observed band size:** 230 kDa

Ab32820 detects a band at approximately 230kDa. Other antibodies to this target detect a band in this region and it is understood that this band corresponds to the native Spt6 protein.

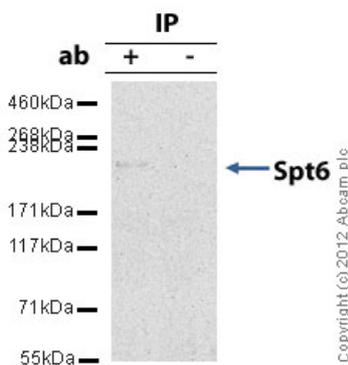


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Spt6 antibody (ab32820)

Image courtesy of [Human Protein Atlas](#)

ab32820 staining Spt6 in human gall bladder, showing a distinct and strong staining pattern in glandular cells. Paraffin embedded human skin tissue was incubated with ab32820 (1/30 dilution) for 30 mins at room temperature. Antigen retrieval was performed by heat induction in citrate buffer pH 6.

ab32820 was tested in a tissue microarray (TMA) containing a wide range of normal and cancer tissues as well as a cell microarray consisting of a range of commonly used, well characterised human cell lines. Further results for this antibody can be found at [www.proteinatlas.org](http://www.proteinatlas.org)



Immunoprecipitation - Anti-Spt6 antibody (ab32820)

Spt6 was immunoprecipitated using 0.5mg HeLa whole cell extract, 5µg of Rabbit polyclonal to Spt6 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

The antibody was incubated under agitation with Protein G beads for 10min, HeLa whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab32820.

Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 230kDa: Spt6

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