

Product datasheet

Anti-PSMD11 antibody ab66346

★★★★★ 4 Abreviews 2 References 画像数 3

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-PSMD11 antibody |
| 製品の詳細 | Rabbit polyclonal to PSMD11 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: IHC-Fr, IP, WB, ELISA, IHC-P |
| 種交差性 | 交差種: Mouse, Rat, Dog, Human, Zebrafish 交差が予測される動物種: Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Saccharomyces cerevisiae |
| 免疫原 | A region within synthetic peptide: CVAQASKNRS LADFEKALTD YRAELRDDPI ISTHLAKLYD NLLEQNLIRV, corresponding to C terminal amino acids 289-338 of Human PSMD11 Run BLAST with ExPASy Run BLAST with NCBI |
| ポジティブ・コントロール | Fetal brain lysate. Human kidney tissue. |

製品の特性

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|--------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| バッファー | Preservative: None Constituents: 2% Sucrose, PBS |
| 精製度 | Protein A 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 **ab66346** in the following tested applications.

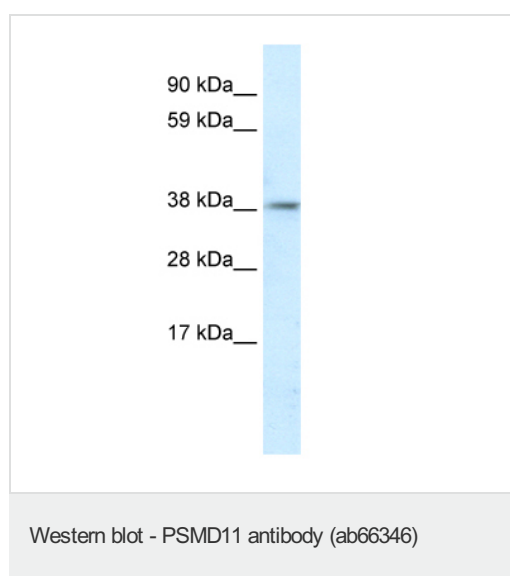
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| IHC-Fr | ★★★★★ | Use at an assay dependent concentration. |
| IP | ★★★★☆ | Use at an assay dependent concentration. |
| WB | ★★★★★ | Use a concentration of 5 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 47 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. Titre using peptide based assay: 1/312500. |
| IHC-P | ★★★★★ | Use a concentration of 4 - 8 µg/ml. |

ターゲット情報

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|-------|--|
| 機能 | Component of the lid subcomplex of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. In the complex, PSMD11 is required for proteasome assembly. Plays a key role in increased proteasome activity in embryonic stem cells (ESCs): its high expression in ESCs promotes enhanced assembly of the 26S proteasome, followed by higher proteasome activity. |
| 組織特異性 | Highly expressed in embryonic stem cells (ESCs). Expression decreases as ESCs differentiate. |
| 配列類似性 | Belongs to the proteasome subunit S9 family. Contains 1 PCI domain. |
| 翻訳後修飾 | Phosphorylated by AMPK. |
| 細胞内局在 | Nucleus. Cytoplasm > cytosol. |

画像



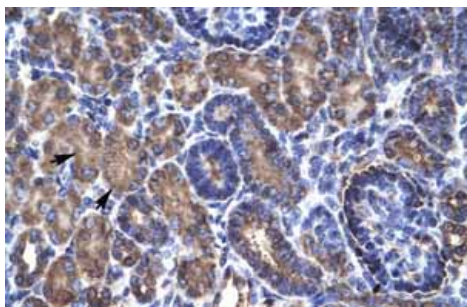
Anti-PSMD11 antibody (ab66346) at 5 µg/ml
+ Fetal brain lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

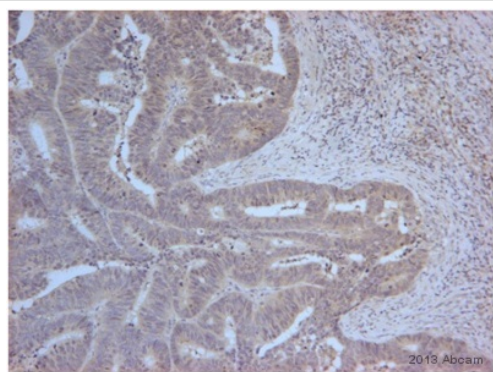
Predicted band size: 47 kDa

Observed band size: 38 kDa



Immunohistochemistry of Human kidney lysate tissue at an antibody concentration of 4-8µg/ml using anti-PSMD11 antibody (ab66346)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSMD11 antibody (ab66346)



ab66346 staining PSMD11 in Human colorectal cancer tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 1.5% serum for 10 minutes at 16°C; antigen retrieval was by heat mediation. Samples were incubated with primary antibody (1/25 in 1.5% Normal Horse serum) for 2 hours at 16°C. An undiluted Biotin-conjugated Human pan-specific polyclonal was used as the secondary antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSMD11 antibody (ab66346)

This image is courtesy of an Abreview submitted by Lucy Scaife

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