


### Anti-VPS34 antibody - N-terminal ab227861

**2 References** [画像数 5](#)

#### 製品の概要

製品名	Anti-VPS34 antibody - N-terminal
製品の詳細	Rabbit polyclonal to VPS34 - N-terminal
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat, Cow, Dog, Pig, Xenopus laevis 
免疫原	Recombinant fragment within Human VPS34 (N terminal). The exact sequence is proprietary. Database link: <a href="#">Q8NEB9</a>
ポジティブ・コントロール	WB: HEK-293T, A431, HeLa, HepG2, U-87 MG, SK-N-SH, IMR32 and SK-N-AS whole cell lysates; Wild-type and VPS34 transfected HEK-293T whole cell extracts. IP: HeLa whole cell extract.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
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

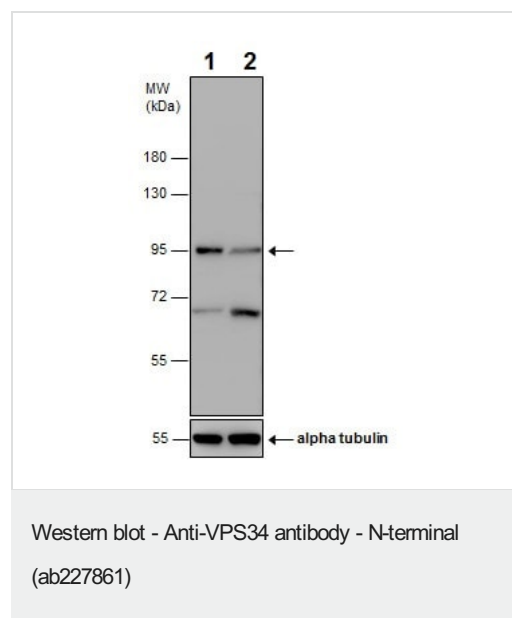
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/10000. Predicted molecular weight: 102 kDa.
IP		1/100 - 1/500.

## ターゲット情報

機能	Catalytic subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for the abscission step in cytokinesis.
組織特異性	Ubiquitously expressed, with a highest expression in skeletal muscle.
配列類似性	Belongs to the PI3/P14-kinase family. Contains 1 PI3K/P14K domain.
細胞内局在	Midbody.

## 画像



**All lanes :** Anti-VPS34 antibody - N-terminal (ab227861) at 1/1000 dilution

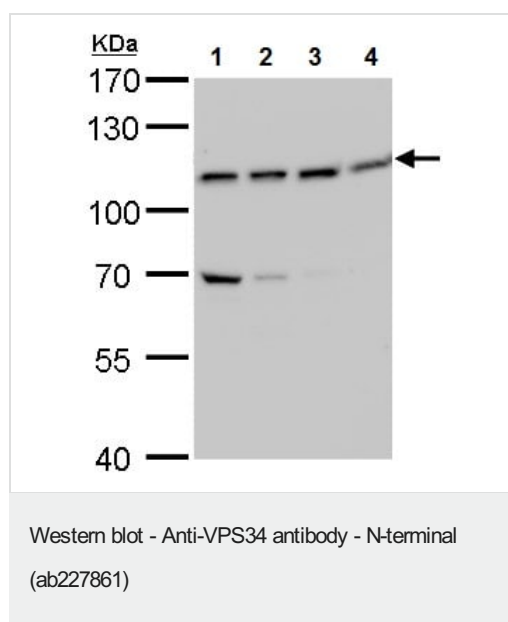
**Lane 1 :** Non-transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

**Lane 2 :** VPS34 shRNA transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell extract

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 102 kDa

7.5% SDS-PAGE gel.



**All lanes :** Anti-VPS34 antibody - N-terminal (ab227861) at 1/1000 dilution

**Lane 1 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

**Lane 2 :** A431 (human epidermoid carcinoma cell line) whole cell lysate

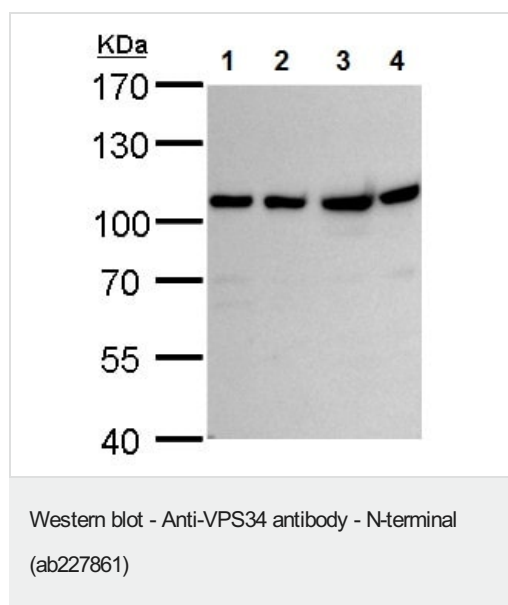
**Lane 3 :** HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 4 :** HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 102 kDa

7.5% SDS-PAGE gel.



**All lanes :** Anti-VPS34 antibody - N-terminal (ab227861) at 1/1000 dilution

**Lane 1 :** U-87 MG (human glioblastoma-astrocytoma epithelial cell line) whole cell lysate

**Lane 2 :** SK-N-SH (human neuroblastoma cell line) whole cell lysate

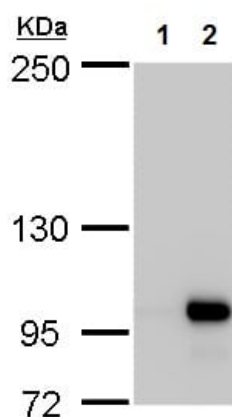
**Lane 3 :** IMR32 whole cell lysate

**Lane 4 :** SK-N-AS whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 102 kDa

7.5% SDS-PAGE gel.



Western blot - Anti-VPS34 antibody - N-terminal (ab227861)

**All lanes :** Anti-VPS34 antibody - N-terminal (ab227861) at 1/5000 dilution

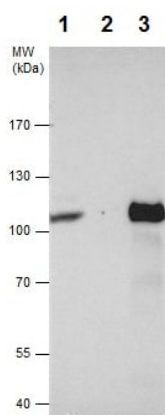
**Lane 1 :** Non-transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

**Lane 2 :** VPS34 transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 102 kDa

5% SDS-PAGE gel.



Immunoprecipitation - Anti-VPS34 antibody - N-terminal (ab227861)

VPS34 was immunoprecipitated from HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell extract with 5 µg of ab227861. Western blot was performed from the immunoprecipitate using ab227861. Anti-Rabbit IgG was used as a secondary reagent.

**Lane 1:** HeLa whole cell extract.

**Lane 2:** Control IgG IP in HeLa whole cell extract.

**Lane 3:** ab227861 IP in HeLa whole cell extract.

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