


# Anti-Pumilio 2 antibody ab10361

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### 製品の概要

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製品名	Anti-Pumilio 2 antibody
製品の詳細	Rabbit polyclonal to Pumilio 2
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> Mouse, Human <b>交差が予測される動物種:</b> Rabbit, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
免疫原	Synthetic peptide corresponding to Human Pumilio 2 aa 100-200. Database link: <a href="#">23369</a>
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

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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	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
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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## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab10361の使用に適用されます**

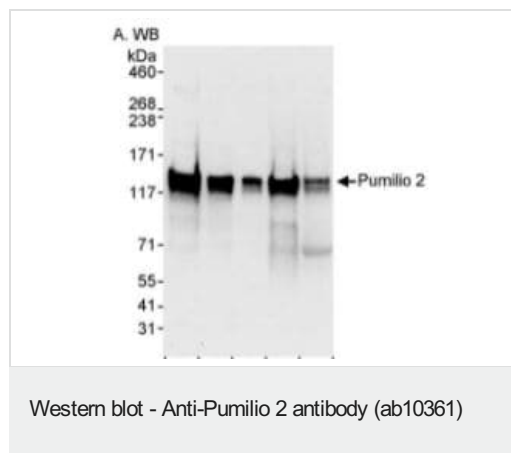
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/10000 - 1/20000. Detects a band of approximately 140 kDa (predicted molecular weight: 127 kDa).
IP		Use at 5-10 µg/mg of lysate.

## ターゲット情報

機能	Sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of mRNA targets. Its interactions and tissue specificity suggest that it may be required to support proliferation and self-renewal of stem cells by regulating the translation of key transcripts.
組織特異性	Expressed in male germ cells of adult testis (at protein level). Highly expressed in testis and ovary. Predominantly expressed in stem cells and germ cells. Expressed at lower level in brain, heart, kidney, liver, muscle, placenta, intestine and stomach Expressed in cerebellum, corpus callosum, caudate nucleus, hippocampus, medulla oblongata and putamen. Expressed in all fetal tissues tested.
配列類似性	Contains 1 PUM-HD domain. Contains 8 pumilio repeats.
ドメイン	The pumilio repeats mediate the association with RNA by packing together to form a right-handed superhelix that approximates a half doughnut. The number as well as the specific sequence of the repeats determine the specificity for target mRNAs.
細胞内局在	Cytoplasm. Cytoplasmic granule. Cytoplasm > perinuclear region. The cytoplasmic granules are stress granules which are a dense aggregation in the cytosol composed of proteins and RNAs that appear when the cell is under stress. Colocalizes with NANOS3 in the stress granules (By similarity). Colocalizes with NANOS1 and SNAPIN in the perinuclear region of germ cells.

## 画像



**All lanes :** Anti-Pumilio 2 antibody (ab10361) at 1/5000 dilution

**Lane 1 :** HeLa Whole cell lysate at 5 µg

**Lane 2 :** HeLa Whole cell lysate at 15 µg

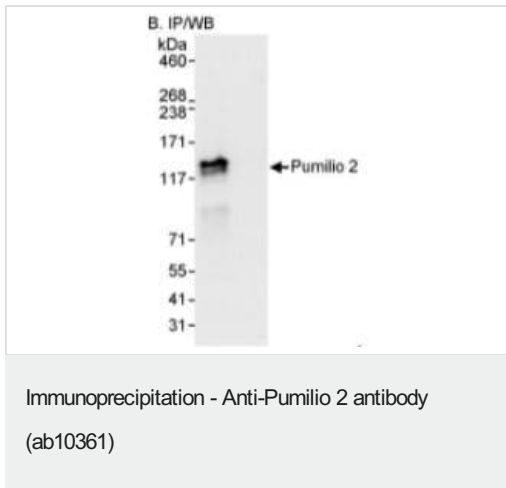
**Lane 3 :** HeLa Whole cell lysate at 50 µg

**Lane 4 :** HEK293T Whole cell lysate at 50 µg

**Lane 5 :** NIH 3T3 Whole cell lysate at 50 µg

**Predicted band size:** 127 kDa

Detection: Chemiluminescence with exposure time of 10 seconds



Pumilio 2 was immunoprecipitated from HeLa whole cell lysate with 3 µg/mg lysate ab10361. Western blot was performed from the immunoprecipitate using ab10361 at 1 µg/ml dilution.

Lane 1: ab10361 IP in HeLa whole cell lysate.

Lane 2: Control IgG IP in HeLa whole cell lysate.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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