

## Product datasheet

# Anti-Pumilio 2 antibody ab76694

### 1 图像

#### 概述

产品名称	Anti-Pumilio 2抗体
描述	兔多克隆抗体to Pumilio 2
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human
免疫原	KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S182 of human Pumilio 2
阳性对照	293 cell lysates transiently transfected with the Pumilio 2 gene.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Immunogen affinity purified
纯化说明	ab76694 is purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab76694** in the following tested applications.

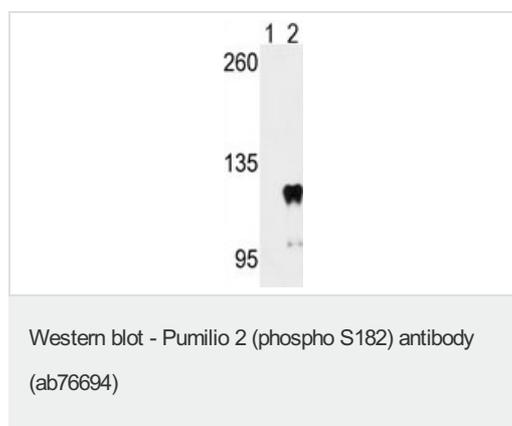
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/50 - 1/100. Predicted molecular weight: 114 kDa.
ELISA		1/1000.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	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.
<b>序列相似性</b>	Contains 1 PUM-HD domain. Contains 8 pumilio repeats.
<b>结构域</b>	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.
<b>细胞定位</b>	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.

## 图片



**All lanes :** Anti-Pumilio 2 antibody (ab76694)  
at 1/50 dilution

**Lane 1 :** 293 cell lysates, nontransfected

**Lane 2 :** 293 cell lysates transiently  
transfected with the Pumilio 2 gene

Lysates/proteins at 2 µg per lane.

**Predicted band size:** 114 kDa

**Observed band size:** 120 kDa

**Additional bands at:** 100 kDa. We are  
unsure as to the identity of these extra bands.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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