

Anti-Pumilio 2 antibody ab66669

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
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig 
免疫原	Synthetic peptide: RFRKGNFGTR DAETDGPEKG DQK GKASPFE EDQNRDLKQG DDDDSKINGR , corresponding to amino acids 110-159 of Human Pumilio 2 Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Pumilio 2 transfected 293T cell lysate.

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: 2% Sucrose, PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab66669于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

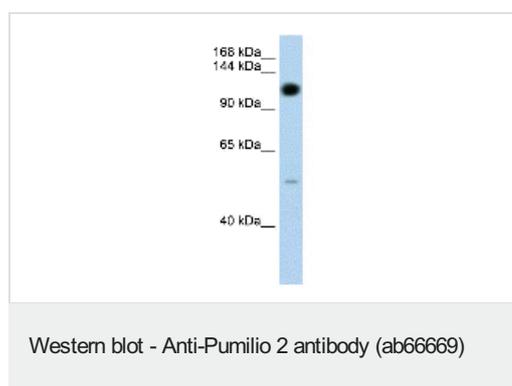
应用	Ab评论	说明

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WB		Use a concentration of 1.25 µg/ml. Detects a band of approximately 114 kDa (predicted molecular weight: 114 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

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



Anti-Pumilio 2 antibody (ab66669) at 1.25 µg/ml + Transfected 293T cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 114 kDa

Observed band size: 114 kDa

Additional bands at: 55 kDa. We are unsure as to the identity of these extra bands.

Gel concentration: 12%

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