

Product datasheet

Anti-PABPC4 antibody ab66897

2 图像

概述

产品名称	Anti-PABPC4抗体
描述	兔多克隆抗体to PABPC4
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
免疫原	Synthetic peptide: AELGAKAKEF TNVYKKNFGE EVDDESLKEL FSQFGKTL SV KVMRDPNGKS, corresponding to a region within amino acids 181-230 of Human PABPC4. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Human kidney tissue. HepG2 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: None Constituents: 2% Sucrose, PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab66897** in the following tested applications.

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

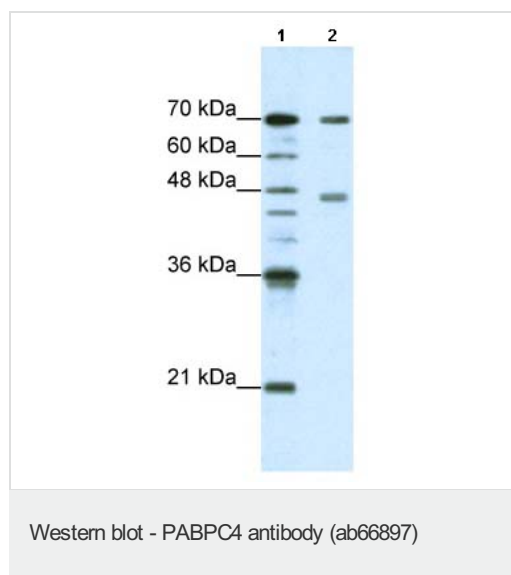
应用	Ab 评论	说明

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WB		Use a concentration of 1.25 µg/ml. Detects a band of approximately 71 kDa (predicted molecular weight: 71 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 4 - 8 µg/ml.

靶标

功能	Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo.
组织特异性	Expressed at low levels in resting normal T cells; following T-cell activation, however, mRNA levels are rapidly up-regulated.
序列相似性	Belongs to the polyadenylate-binding protein type-1 family. Contains 1 PABC domain. Contains 4 RRM (RNA recognition motif) domains.
翻译后修饰	Arg-518 is dimethylated, probably to asymmetric dimethylarginine.
细胞定位	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

图片



All lanes : Anti-PABPC4 antibody (ab66897)
at 1.25 µg/ml

Lane 1 : Molecular weight markers

Lane 2 : HepG2 cell lysate at 10 µg

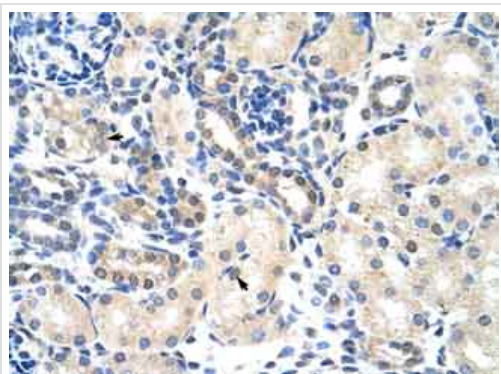
Secondary

All lanes : HRP conjugated anti-Rabbit IgG at
1/50000 dilution

Predicted band size: 71 kDa

Observed band size: 71 kDa

Additional bands at: 46 kDa. We are unsure
as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue labelling PABPC4 with ab66897 at 4-8µg/ml. Arrows indicate positively labelled epithelial cells of the renal tubule. Magnification: 400X.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - PABPC4 antibody (ab66897)

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