abcam

Product datasheet

Anti-hnRNP L antibody ab45317

2 图像

概述

产品名称	Anti-hnRNP L抗体
描述	兔多克隆抗体to hnRNP L
宿主	Rabbit
经测试应用	**适用于:** WB, ICC/IF
种属反应性	**与反应:** Human **预测可用于:** Mouse, Xenopus laevis
免疫原	Synthetic peptide corresponding to Human hnRNP L aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as **ab45316**)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: HeLa (Human epithelial carcinoma cell line); Jurkat (Human T cell lymphoblast-like cell line); A431 (Human epithelial carcinoma cell line); HEK293 (Human embryonic kidney cell line); MCF7 (Human breast adenocarcinoma cell line); HepG2 (Human hepatocellular liver carcinoma cell line); SHSY-5Y (Human neuroblastoma cell line)

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab45317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
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 60 kDa).
ICC/IF		Use a concentration of 1 µg/ml.

靶标

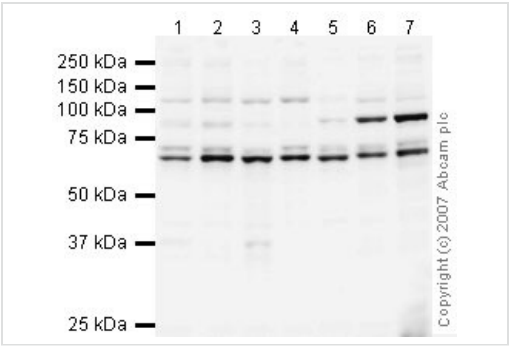
功能 This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Is associated with most nascent transcripts including those of the landmark giant loops of amphibian lampbrush chromosomes. Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter.

序列相似性 Contains 3 RRM (RNA recognition motif) domains.

翻译后修饰 Several isoelectric forms of the L protein are probably the results of post-translational modifications.

细胞定位 Nucleus > nucleoplasm. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

图片



Western blot - Anti-hnRNP L antibody (ab45317)

All lanes : Anti-hnRNP L antibody (ab45317) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : Jurkat (Human T cell lymphoblast-like cell line) Whole Cell Lysate

Lane 3 : A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 4 : HEK293 Human embryonic kidney cell line Whole Cell Lysate

Lane 5 : MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate

Lane 6 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

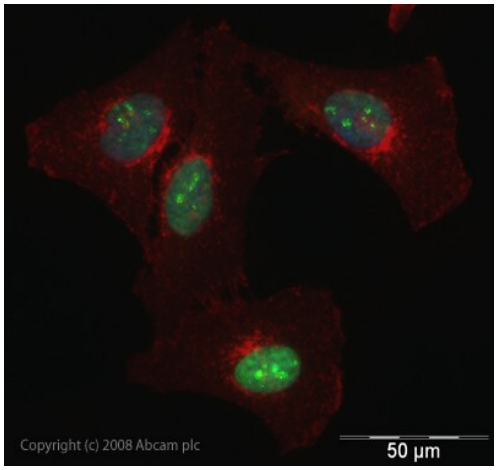
Lane 7 : SHSY-5Y (Human neuroblastoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 60 kDa
Observed band size: 65 kDa
Additional bands at: 85 kDa. We are unsure as to the identity of these extra bands.



Immunocytochemistry/ Immunofluorescence - Anti-hnRNP L antibody (ab45317)

ICC/IF image of ab45317 stained human HeLa cells. The cells were PFA fixed (10 min), permabilised in PBS-T (20 min) and incubated with the antibody (ab45317, 1µg/ml) for 1h at room temperature. 1%BSA / 10% normal goat serum / 0.3M glycine was used to quench autofluorescence and block non-specific protein-protein interactions. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red). DAPI was used to stain the cell nuclei (blue).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors