abcam

Product datasheet

Anti-hnRNP H antibody ab10374

★★★★★ **5 Abreviews**   **29 References**   3 图像

概述

产品名称	Anti-hnRNP H抗体
描述	兔多克隆抗体to hnRNP H
宿主	Rabbit
特异性	The antibody was designed against hnRNPH1 and does not recognize hnRNPH3. The epitope recognized by ab10374 maps to a region between residue 400 and the C-terminus (residue 448) of human Heterogeneous Nuclear Ribonucleoprotein H1 using the numbering given in entry NP_005511.1 (GeneID 3187). This product may cross-react with hnRNPH2.
经测试应用	**适用于:** WB, IHC-P, IP, ICC/IF, IHC-Fr
种属反应性	**与反应:** Mouse, Human **预测可用于:** Rat, Rabbit, Horse, Guinea pig, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Opossum, Orangutan, Elephant ⚠
免疫原	Synthetic peptide corresponding to Human hnRNP H aa 400 to the C-terminus (C terminal). Database link: **3187**
阳性对照	IP: HeLa whole cell lysate WB: HeLa, HEK-293T, and NIH/3T3 cell lysates.
常规说明	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. 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&As

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	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
纯度	Immunogen affinity purified
纯化说明	Antibodies were affinity purified using the peptide immobilized on solid support.

克隆	多克隆
同种型	IgG

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	★★★★★ (2)	1/10000 - 1/30000. Detects a band of approximately 49 kDa (predicted molecular weight: 53 kDa).
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP	★★★★★ (1)	Use at 4-10 µg/mg of lysate.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration. PubMed: 20020773
IHC-Fr		Use at an assay dependent concentration. PubMed: 24462217

靶标

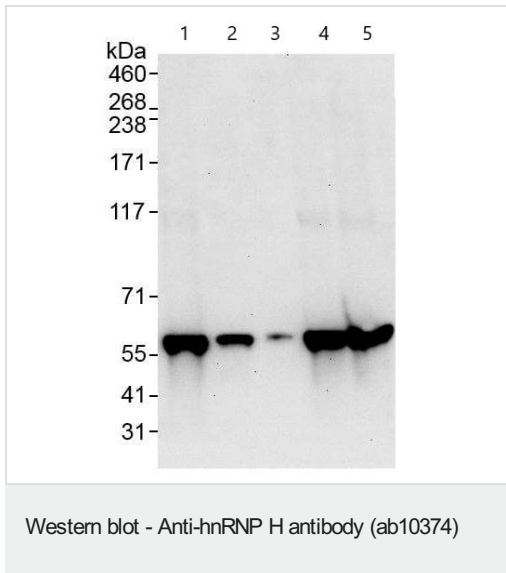| 功能	This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).
组织特异性	Expressed ubiquitously.
序列相似性	Contains 3 RRM (RNA recognition motif) domains.
结构域	Each quasi-RRM repeat bound poly(RG), while only the N-terminal QRRM bound poly(RC) and poly(RU). None of the repeats bound detectable amounts of poly(RA).
细胞定位	Nucleus > nucleoplasm.

图片

Western blot - Anti-hnRNP H antibody (ab10374)

All lanes : Anti-hnRNP H antibody (ab10374) at 0.2 µg/ml

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 50 µg

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 15 µg

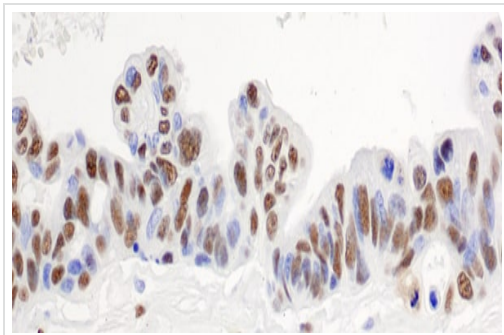**Lane 3 :** HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate at 5 µg

Lane 4 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate at 50 µg

Lane 5 : NIH/3T3 (mouse embryo fibroblast cell line) whole cell lysate at 50 µg
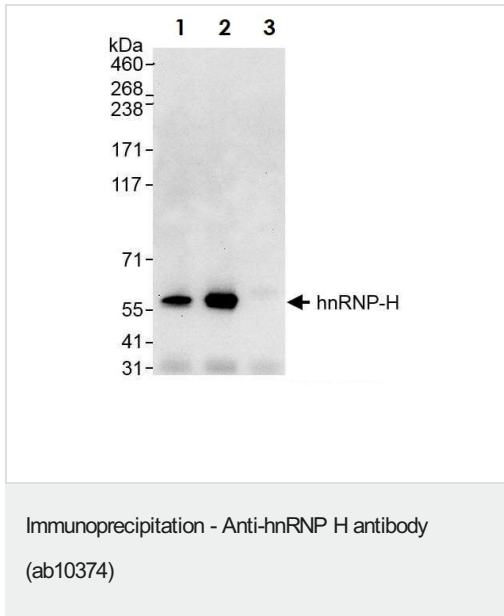
Developed using the ECL technique.

Predicted band size: 53 kDa

Exposure time: 30 seconds

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP H antibody (ab10374)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling hnRNP H with ab10374 at 1/1000 (1µg/ml). Detection: DAB.

Immunoprecipitation - Anti-hnRNP H antibody (ab10374)

Detection of human hnRNP H by immunoprecipitation of whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells.

Lane 1: Rabbit polyclonal to hnRNP H (ab10374) at 0.2 µg/mg lysate current batch

Lane 2: Rabbit polyclonal to hnRNP H (ab10374) at 0.2 µg/mg lysate former batch.

Lane 3: Control IgG

ab10374 was used at 1 ug/mL for Western blot.

Detection: Chemiluminescence with an exposure time of 30 seconds.

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