

Product datasheet

Anti-RNF40 antibody ab26082

★★★★☆ 5 Abreviews 3 References 2 图像

概述

产品名称	Anti-RNF40抗体
描述	兔多克隆抗体to RNF40
经测试应用	适用于: IP, WB, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 550 - 650 of Human RNF40. 参阅Abcam的专有抗源政策 (Peptide available as ab27760 .)
阳性对照	This antibody gave a positive signal in HeLa nuclear extract.

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	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab26082** in the following tested applications.

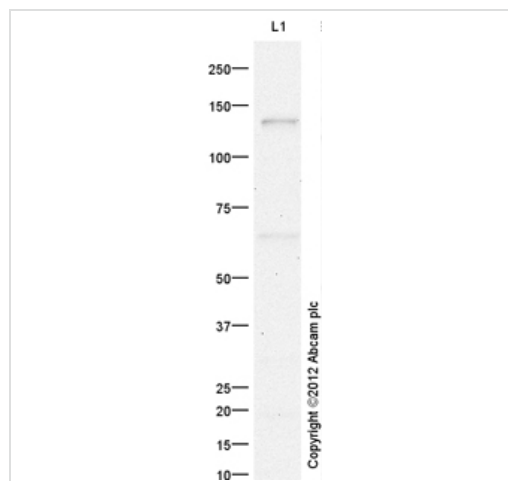
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IP	★★★★☆	Use at an assay dependent dilution.
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 130 kDa (predicted molecular weight: 114 kDa). Abcam recommends using 5% milk as the blocking agent.
ICC/IF	★★★★☆	1/200.

靶标

功能	E3 ubiquitin-protein ligase that mediates monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). Forms a ubiquitin ligase complex in cooperation with the E2 enzyme UBE2E1/UBCH6. It thereby plays a central role in histone code and gene regulation. Required for transcriptional activation of Hox genes.
组织特异性	Ubiquitously expressed. Expressed at higher level in testis, heart and pancreas, while it is only weakly expressed in lung, skeletal muscle and small intestine.
通路	Protein modification; protein ubiquitination.
序列相似性	Belongs to the BRE1 family. Contains 1 RING-type zinc finger.
细胞定位	Nucleus.

图片



Western blot - Anti-RNF40 antibody (ab26082)

Anti-RNF40 antibody (ab26082) at 1 µg/ml +
HeLa (Human epithelial carcinoma cell line)
Nuclear Lysate at 35 µg
Developed using the ECL technique

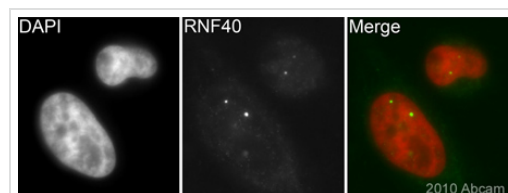
Performed under reducing conditions.

Predicted band size : 114 kDa

Observed band size : 130 kDa

Additional bands at : 65 kDa. We are unsure as to the identity of these extra bands.

Exposure time : 20 minutes



Immunocytochemistry/ Immunofluorescence -
RNF40 antibody (ab26082)

Image courtesy of an abreview submitted by Kirk McManus, University of Manitoba/MICB, Canada

ab26082 (1/200) staining RNF40 in Human HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilized using 0.5% Triton X100/PBS and counterstained with DAPI in order to highlight the nucleus (red).
For further experimental details please refer to abreview.

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