


Anti-FHL2 antibody ab12327

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概述

产品名称	Anti-FHL2抗体
描述	兔多克隆抗体to FHL2
宿主	Rabbit
特异性	Reactivity with mouse FHL2 is unlikely owing to divergence of this ortholog from the peptide used for antibody production. The epitope recognized by ab1237 maps to a region between residues 175 and 225 of human Four and a Half LIM domains 2 using the numbering given in entry NP_963849.1 (GeneID 2274).
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human FHL2 aa 175-225. Database link: Q14192 (Peptide available as ab119360)
阳性对照	WB: U-2 OS and HeLa cell lysates; HeLa nuclear extract.
常规说明	<p>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.</p> <p>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</p>

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	This antibody is affinity purified.

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab12327于以下的经测试应用

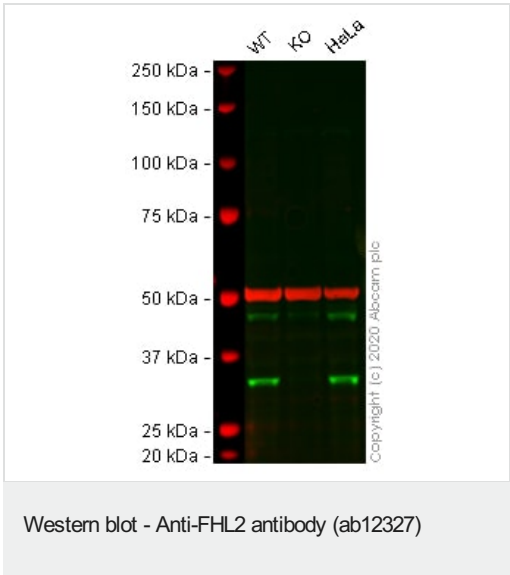
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 32 kDa (predicted molecular weight: 32 kDa).

靶标

功能	May function as a molecular transmitter linking various signaling pathways to transcriptional regulation. Negatively regulates the transcriptional repressor E4F1 and may function in cell growth.
组织特异性	Expressed in skeletal muscle and heart.
序列相似性	Contains 4 LIM zinc-binding domains.
结构域	The third LIM zinc-binding mediates interaction with E4F1.
细胞定位	Cytoplasm. Nucleus.

图片



All lanes : Anti-FHL2 antibody (ab12327) at 1/1000 dilution

- Lane 1 : Wild-type U-2 OS cell lysate
- Lane 2 : FHL2 knockout U-2 OS cell lysate
- Lane 3 : HeLa cell lysate

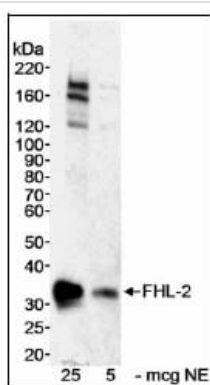
Lysates/proteins at 40 µg per lane.

Performed under reducing conditions.

Predicted band size: 32 kDa
Observed band size: 32 kDa

Lanes 1 - 3: Merged signal (red and green). Green - ab12327 observed at 32 kDa. Red - loading control [ab7291](#) (Mouse anti-Alpha Tubulin [DM1A]) observed at 55kDa.

ab12327 was shown to react with FHL2 in wild-type U-2 OS cells in western blot with loss of signal observed in FHL2 knockout sample. Wild-type and FHL2 knockout U-2 OS cell lysates were subjected to SDS-PAGE. Membranes were blocked in 3% milk in TBS-T (0.1% Tween®) before incubation with ab12327 and **ab7291** (Mouse anti-Alpha Tubulin [DM1A] overnight at 4°C at a 1 in 1000 dilution and a 1 in 20000 dilution respectively. Blots were incubated with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-FHL2 antibody (ab12327)

Samples:

Nuclear extract (NE) from HeLa cells. *Antibody:* Affinity purified rabbit anti-FHL2 antibody ab12327 used at 0.3 µg/ml. *Detection:* Chemiluminescence with an exposure time of 5 minutes. Samples: Nuclear extract (NE) from HeLa cells. Antibody: Affinity purified rabbit anti-FHL2 antibody ab12327 used at 0.3 µg/ml. *Detection:* Chemiluminescence with an exposure time of 5 minutes.

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