

Anti-IDOL antibody ab107168

★★★★★ [2 Abreviews](#) [1 图像](#)

概述

产品名称	Anti-IDOL抗体
描述	兔多克隆抗体to IDOL
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Chicken, Cow, Dog, Pig, Chimpanzee, Zebrafish, Macaque monkey, Gorilla 
免疫原	Synthetic peptide corresponding to Human IDOL aa 250-350 conjugated to keyhole limpet haemocyanin. (Peptide available as ab126642)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: HeLa; Jurkat; HEK293; HepG2; SHSY5Y; NIH3T3.
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. 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ab107168于以下的经测试应用

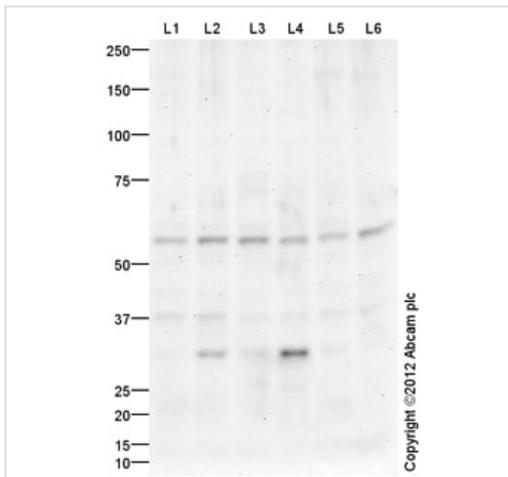
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★☆☆☆☆ (2)	1/250. Detects a band of approximately 55 kDa (predicted molecular weight: 50 kDa).

靶标

功能	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of myosin regulatory light chain (MRLC), LDLR, VLDLR and LRP8. Proteasomal degradation of MRLC leads to inhibit neurite outgrowth in presence of NGF by counteracting the stabilization of MRLC by saposin-like protein (CNPY2/MSAP) and reducing CNPY2-stimulated neurite outgrowth. Acts as a sterol-dependent inhibitor of cellular cholesterol uptake by mediating ubiquitination and subsequent degradation of LDLR.
组织特异性	Ubiquitously expressed.
通路	Protein modification; protein ubiquitination.
序列相似性	Contains 1 FERM domain. Contains 1 RING-type zinc finger.
发展阶段	Expressed in fetal tissues and higher levels were detected in placenta and fetal lung.
结构域	The RING domain mediates ubiquitination and the neurite outgrowth inhibitory activity.
翻译后修饰	Autoubiquitinated.
细胞定位	Cytoplasm.

图片



Western blot - Anti-IDOL antibody (ab107168)

All lanes : Anti-IDOL antibody (ab107168) 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 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 4 : HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

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

Lane 6 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 50 kDa

Observed band size: 55 kDa

Additional bands at: 32 kDa, 37 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 12 minutes

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