

## Product datasheet

# Anti-Lipin 2 antibody ab117933

### 1 图像

#### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-Lipin 2抗体  |
| 描述    | 兔多克隆抗体 to Lipin 2   |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: WB   |
| 种属反应性 | 与反应: Human<br>预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish   |
| 免疫原   | Synthetic peptide, corresponding to a region within C terminal amino acids 837-886 (ELIQERTKGN KSSYHRLSEL VEHVFPLLSK EQNSAFPCPE FSSFYWRDP) of Human Lipin 2 (NP_055461).<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| 阳性对照  | HeLa cell lysate.   |

#### 性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | Constituents: 97% PBS, 2% Sucrose  |
| 纯度   | Immunogen affinity purified  |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab117933** in the following tested applications.

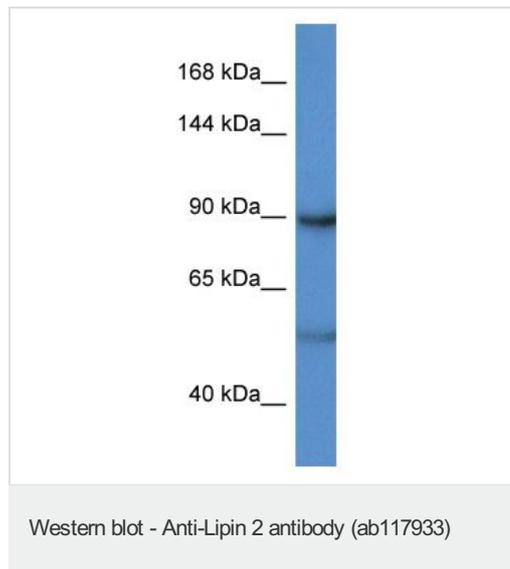
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明   |
|----|------|--|
| WB |      | Use a concentration of 1 µg/ml. Predicted molecular weight: 99 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

## 靶标

|              |  |
|--------------|--|
| <b>功能</b>    | Plays important roles in controlling the metabolism of fatty acids at different levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Acts also as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism.   |
| <b>组织特异性</b> | Expressed in liver, lung, kidney, placenta, spleen, thymus, lymph node, prostate, testes, small intestine, and colon.  |
| <b>疾病相关</b>  | Defects in LPIN2 are the cause of Majeed syndrome (MAJEEDS) [MIM:609628]. An autosomal recessive syndrome characterized by chronic recurrent multifocal osteomyelitis that is of early onset with a lifelong course, congenital dyserythropoietic anemia that presents as hypochromic, microcytic anemia during the first year of life and ranges from mild to transfusion-dependent, and transient inflammatory dermatosis, often manifesting as Sweet syndrome (neutrophilic skin infiltration). |
| <b>序列相似性</b> | Belongs to the lipin family.   |
| <b>结构域</b>   | Contains 1 Asp-Xaa-Asp-Xaa-Thr (DXDXT) motif, a catalytic motif known to be essential for phosphatidate phosphatase activity.<br>Contains one Leu-Xaa-Xaa-Ile-Leu (LXXIL) motif, a motif known to be a transcriptional binding motif.  |
| <b>细胞定位</b>  | Nucleus. Cytoplasm > cytosol. Endoplasmic reticulum membrane. Translocates to endoplasmic reticulum membrane with increasing levels of oleate.   |

## 图片



Anti-Lipin 2 antibody (ab117933) at 1 µg/ml +  
HeLa cell lysate at 10 µg

**Predicted band size:** 99 kDa

Gel concentration: 6-18%.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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