


# Anti-DOCK180 antibody ab76927

[1 References](#) [2 图像](#)

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-DOCK180抗体  |
| 描述    | 兔多克隆抗体to DOCK180  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: WB, IP   |
| 种属反应性 | 与反应: Mouse, Human<br>预测可用于: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan    |
| 免疫原   | Synthetic peptide corresponding to Human DOCK180.<br>Database link: <a href="#">NP_001371.1</a>   |
| 阳性对照  | HepG2 whole cell lysate ( <a href="#">ab7900</a> ) can be used as a positive control in WB. HeLa, 293T and NIH3T3 whole cell lysates.   |
| 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&amp;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: 6.8<br>Preservative: 0.09% Sodium azide<br>Constituents: 0.1% BSA, Tris buffered saline      |
| 纯度   | Immunogen affinity purified  |
| 纯化说明 | ab76927 was affinity purified using an epitope specific to DOCK180 immobilized on solid support. |
| 克隆   | 多克隆  |

同种型

IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab76927 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 |      | 1/2000 - 1/10000. Predicted molecular weight: 215 kDa. |
| IP |      | Use at 2-5 µg/mg of lysate.                            |

## 靶标

### 功能

Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1.

### 组织特异性

Highly expressed in placenta, lung, kidney, pancreas and ovary. Expressed at intermediate level in thymus, testes and colon.

### 序列相似性

Belongs to the DOCK family.  
Contains 1 DHR-1 (CZH-1) domain.  
Contains 1 DHR-2 (CZH-2) domain.  
Contains 1 SH3 domain.

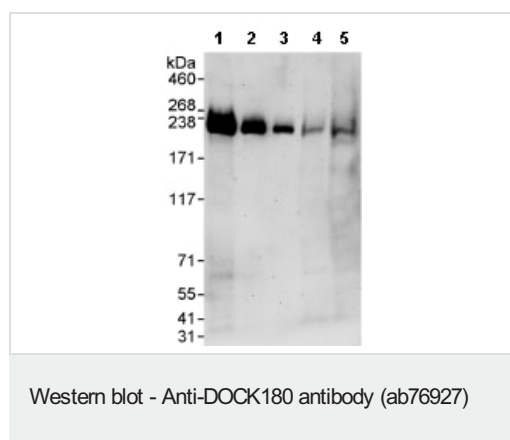
### 结构域

The DHR-2 domain is necessary and sufficient for the GEF activity.

### 细胞定位

Cytoplasm. Membrane. Recruited to membranes via its interaction with phosphatidylinositol 3,4,5-triphosphate.

## 图片



**All lanes :** Anti-DOCK180 antibody (ab76927) at 0.04 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg

**Lane 2 :** HeLa whole cell lysate at 15 µg

**Lane 3 :** HeLa whole cell lysate at 5 µg

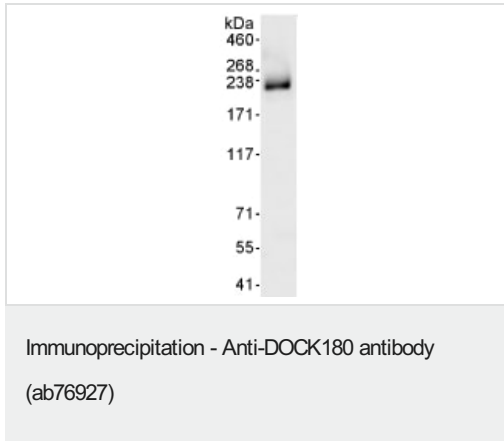
**Lane 4 :** 293T whole cell lysate at 50 µg

**Lane 5 :** NIH3T3 whole cell lysate at 50 µg

**Predicted band size:** 215 kDa

**Observed band size:** 215 kDa

**Exposure time:** 3 minutes



Detection of DOCK180 by Western Blot of Immunoprecipitate.  
ab76927, at 1µg/ml, staining DOCK180 in HeLa whole cell lysate  
immunoprecipitated using ab76927 at 3µg/mg lysate (1 mg/IP; 20%  
of IP loaded/lane).  
Detection: Chemiluminescence with exposure time of 3 seconds.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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