

### Anti-Robo3 antibody ab77261

★★★★★ [2 Abreviews](#) [1 图像](#)

#### 概述

产品名称	Anti-Robo3抗体
描述	山羊多克隆抗体to Robo3
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Horse, Dog, Zebrafish, Rhesus monkey 
免疫原	Synthetic peptide: C-RRKQRKELSHYT , corresponding to internal sequence amino acids 915-926 of Human Robo3 (NP_071765.2). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
阳性对照	Human Brain (Cerebellum and Hippocampus) 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: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab77261 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunising peptide.
克隆	多克隆

同种型

IgG

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用 ab77261 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		

### 应用说明

Peptide ELISA: Antibody detection limit dilution 1/32000.  
WB: Use at a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 148 kDa (predicted molecular weight: 148 kDa).

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## 靶标

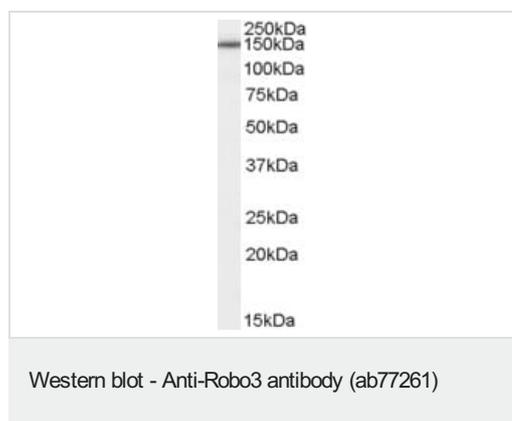
**功能** Thought to be involved during neural development in axonal navigation at the ventral midline of the neural tube. In spinal chord development plays a role in guiding commissural axons probably by preventing premature sensitivity to Slit proteins thus inhibiting Slit signaling through ROBO1 (By similarity). Required for hindbrain axon midline crossing.

**疾病相关** Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.

**序列相似性** Belongs to the immunoglobulin superfamily. ROBO family.  
Contains 3 fibronectin type-III domains.  
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

**细胞定位** Membrane.

## 图片



Anti-Robo3 antibody (ab77261) at 0.5 µg/ml + human brain cerebellum lysate in RIPA buffer at 35 µg

**Predicted band size:** 148 kDa

**Observed band size:** 148 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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

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