


Anti-Prokineticin 2/PK2 antibody ab87360

3 References [1 图像](#)

概述

产品名称	Anti-Prokineticin 2/PK2抗体
描述	兔多克隆抗体to Prokineticin 2/PK2
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Macaque monkey, Gorilla 
免疫原	Synthetic peptide corresponding to Human Prokineticin 2/PK2 aa 100 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab123828)
阳性对照	This antibody gave a positive signal in the following tissue lysates: Human Testis; Human Small Intestine; Mouse Testis; Rat Testis.
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ab87360于以下的经测试应用

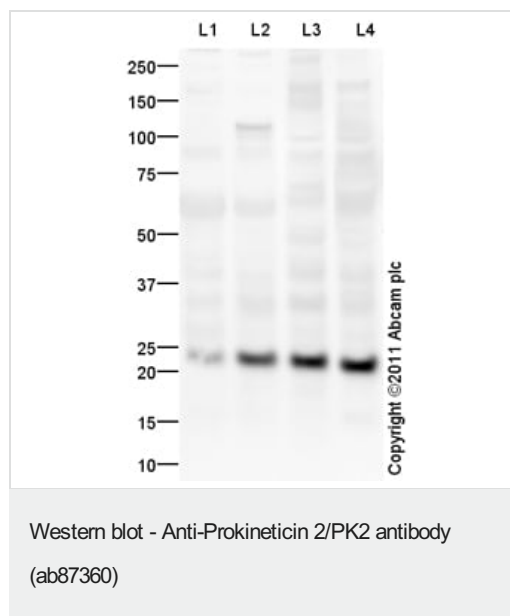
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 21 kDa (predicted molecular weight: 14 kDa).

靶标

功能	May function as an output molecule from the suprachiasmatic nucleus (SCN) that transmits behavioral circadian rhythm. May also function locally within the SCN to synchronize output. Potently contracts gastrointestinal (GI) smooth muscle.
组织特异性	Expressed in the testis and, at low levels, in the small intestine.
疾病相关	Defects in PROK2 are the cause of Kallmann syndrome type 4 (KAL4) [MIM:610628]; also known as hypogonadotropic hypogonadism and anosmia. Anosmia or hyposmia is related to the absence or hypoplasia of the olfactory bulbs and tracts. Hypogonadism is due to deficiency in gonadotropin-releasing hormone and probably results from a failure of embryonic migration of gonadotropin-releasing hormone-synthesizing neurons. KAL4 patients have variable degrees of olfactory and reproductive dysfunction, but do not show any of the occasional clinical anomalies reported in Kallmann syndrome such as renal agenesis, cleft lip/palate, selective tooth agenesis, and bimanual synkinesis.
序列相似性	Belongs to the AVIT (prokineticin) family.
细胞定位	Secreted.

图片



All lanes : Anti-Prokineticin 2/PK2 antibody (ab87360) at 1 µg/ml

Lane 1 : Human testis tissue lysate - total protein ([ab30257](#))

Lane 2 : Human small intestine tissue lysate - total protein ([ab29276](#))

Lane 3 : Testis (Mouse) Tissue Lysate

Lane 4 : Testis (Rat) Tissue 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: 14 kDa

Observed band size: 21 kDa

Additional bands at: 115 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 20 minutes

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

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