

Product datasheet

Anti-Prokineticin 1 antibody (Biotin) ab84014

概述

产品名称	Anti-Prokineticin 1 抗体(Biotin)
描述	山羊多克隆抗体 to Prokineticin 1 (Biotin)
偶联物	Biotin
经测试应用	适用于: ELISA, Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Highly pure (>98%) recombinant human Prokineticin 1.

性能

形式	Lyophilised: Centrifuge vial prior to opening. Reconstitute in 50 µl of sterile PBS containing 0.1 % BSA to give a concentration of 1.0 mg/ml.
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Immunogen affinity purified
纯化说明	ab84014 is sterile filtered. ab84014 was purified by affinity chromatography and then biotinylated.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab84014** 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
ELISA		
Sandwich ELISA		
WB		

应用说明

ELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human Prokineticin 1.
sELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human Prokineticin 1.
WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human Prokineticin 1 is 1.5 - 3.0 ng/lane, under either reducing or non reducing conditions. Predicted molecular weight: 12 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Potently contracts gastrointestinal (GI) smooth muscle. Induces proliferation, migration and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. Has little or no effect on a variety of other endothelial and non-endothelial cell types. Induces proliferation and differentiation, but not migration, of enteric neural crest cells. Directly influences neuroblastoma progression by promoting the proliferation and migration of neuroblastoma cells. Positively regulates PTGS2 expression and prostaglandin synthesis. May play a role in placentation. May play a role in normal and pathological testis angiogenesis.

组织特异性

Localizes to glandular epithelium, stroma and vascular epithelial cells of first trimester decidua (at protein level). Up-regulated in first trimester decidua when compared with non-pregnant endometrium. Expressed in the steroidogenic glands, ovary, testis, adrenal and placenta.

序列相似性

Belongs to the AVIT (prokineticin) family.

发展阶段

In adult testis, is strongly expressed only in Leydig cells. In testicular tumors, expressed specifically in Leydig cell tumors (at protein level). Expressed from 14 weeks until birth in fetal testis.

细胞定位

Secreted.

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