Product datasheet

Anti-PCGF1 antibody ab84108

Overview

Product name: Anti-PCGF1 antibody
Description: Rabbit polyclonal to PCGF1
Host species: Rabbit
Tested applications: Suitable for: WB
Species reactivity: Reacts with: Human
Predicted to work with: Mouse, Rat, Cow, Zebrafish
Immunogen: Synthetic peptide corresponding to Human PCGF1 aa 50-150 conjugated to keyhole limpet haemocyanin.
(Peptide available as ab94828)
Positive control: This antibody gave a positive signal in the following whole cell lysates: MCF7.

Properties

Form: Liquid
Storage instructions: 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.
Storage buffer: 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.

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab84108 in the following tested applications.
Application notes: Use at a concentration of 1 µg/ml. Detects a band of approximately 29 kDa (predicted molecular weight: 29 kDa). Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

**Target**

**Relevance**

PCGF1 is a component of the Polycomb group (PcG) multiprotein BCOR complex, a complex required to maintain the transcriptionally repressive state of some genes, such as BCL6 and the cyclin-dependent kinase inhibitor, CDKN1A. It represses CDKN1A expression by binding to its promoter, and this repression is dependent on the retinoic acid response element (RARE element). PCGF1 also promotes cell cycle progression and also enhances cell proliferation, thus it may have a positive role in tumor cell growth.

**Cellular localization**

Nuclear

**Images**

Anti-PCGF1 antibody (ab84108) at 1 µg/ml + MCF7 (Human breast adenocarcinoma cell line) Whole Cell Lysate at 20 µg

**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 29 kDa  
**Observed band size:** 29 kDa  
**Additional bands at:** 105 kDa, 80 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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