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anti-PCGF1 antibody (AA 51-150)



Overview

| Quantity: | 100 μL |
|----------------------|---|
| Target: | PCGF1 |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PCGF1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human PCGF1 |
|-----------------------|---|
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| Target: | PCGF1 |
|-------------------|------------------------|
| Alternative Name: | PCGF1 (PCGF1 Products) |

Target Details

Background:

Synonyms: PCGF1_HUMAN, PCGF1, Nervous system Polycomb-1, NSPc1, Polycomb group RING finger protein 1, RING finger protein 68, RNF68.

Background: 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 als promotes cell cycle progression and also enhances cell proliferation, thus it may have a positive role in tumor cell growth.

Application Details

| Application Notes: | WB 1:300-5000 |
|--------------------|------------------|
| | ELISA 1:500-1000 |

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |