

PRRG1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13343a

Specification

PRRG1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O14668
Other Accession	A7Z070 , NP_001166960.1 , NP_000941.1 , NP_001135867.1 , NP_001166957.1 , NP_001166961.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	24947
Antigen Region	30-59

PRRG1 Antibody (N-term) - Additional Information

Gene ID 5638

Other Names

Transmembrane gamma-carboxyglutamic acid protein 1, Proline-rich gamma-carboxyglutamic acid protein 1, Proline-rich Gla protein 1, PRRG1, PRGP1, TMG1

Target/Specificity

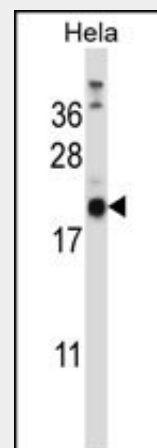
This PRRG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-59 amino acids from the N-terminal region of human PRRG1.

Dilution

WB~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.



PRRG1 Antibody (N-term) (Cat. #AP13343a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the PRRG1 antibody detected the PRRG1 protein (arrow).

PRRG1 Antibody (N-term) - Background

This gene encodes a vitamin K-dependent, gamma-carboxyglutamic acid (Gla)-containing, single-pass transmembrane protein. This protein contains a Gla domain at the N-terminus, preceded by a propeptide sequence required for post-translational gamma-carboxylation of specific glutamic acid residues by a vitamin K-dependent gamma-carboxylase. The C-terminus is proline-rich containing PPXY and PXXP motifs found in a variety of signaling and cytoskeletal proteins. This gene is highly expressed in the spinal cord. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq].

PRRG1 Antibody (N-term) - References

Lamesch, P., et al. Genomics

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRRG1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

89(3):307-315(2007)

Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)

Ross, M.T., et al. Nature 434(7031):325-337(2005)

Kulman, J.D., et al. Proc. Natl. Acad. Sci. U.S.A. 94(17):9058-9062(1997)

PRRG1 Antibody (N-term) - Protein Information

Name PRRG1

Synonyms PRGP1, TMG1

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in the spinal cord.

PRRG1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)