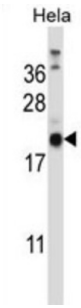
Transmembrane Gamma-Carboxyglutamic Acid Protein 1 (PRRG1) Antibody

Catalogue No.:abx027358



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].

Target:	Transmembrane Gamma-Carboxyglutamic Acid Protein 1 (PRRG1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 30-59 amino acids from the N-terminal region of human PRRG1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	O14668 (UniProt, ExPASy)
Gene Symbol:	PRRG1
KEGG:	hsa:5638
String:	9606.ENSP00000444278
Molecular Weight:	Calculated MW: 24.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow PRRG1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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