

AP46030PU-N

Polyclonal Antibody to PRRG2 (Center) - Aff - Purified

Alternate names:	PRGP2, Proline-rich Gla protein 2, Proline-rich gamma-carboxyglutamic acid protein 2, TMG2, Transmembrane gamma-carboxyglutamic acid protein 2
Quantity:	50 µg
Background:	PRRG2 (Proline-rich Gla protein 2) has been described as one of four known vertebrate transmembrane gamma-carboxyglutamic acid (Gla) proteins. Members of this protein family are broadly expressed in fetal and adult human tissues and share a common architecture consisting of a predicted propeptide and Gla domain, a single-pass transmembrane segment, and tandem Pro/Leu-Pro-Xaa-Tyr (PY) motifs near their C termini.
Uniprot ID:	O14669
NCBI:	NM_000951
GeneID:	5639
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the middle region of human PRRG2 AA Sequence: RCSWEEAREYFEDNTLTERFWESIYNGKGGGRVDVASLAVGLTGGILL
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	PRRG2: 22 kDa
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	"Proline-rich Gla protein 2 is a cell-surface vitamin K-dependent protein that binds to the transcriptional coactivator Yes-associated protein." Kulman JD, et al. Proc Natl Acad Sci U S A, 2007 May 22. PMID 17502622.

Pictures:

WB Suggested Anti-PRRG2 Antibody
Titration: 0.2-1 ug/ml; Positive Control:
Hela cell lysate

90 kDa__
65 kDa__
40 kDa__
31 kDa__
22 kDa__

