

## Product datasheet for **TA345112**

### Protor 1 (PRR5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PRR5 antibody: synthetic peptide directed towards the middle region of human PRR5. Synthetic peptide located within the following region: GLDPTRSSLPRSSPENLVDQILESVDSDSEGIFIDFGRGRGSGMSDLEGS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	proline rich 5
Database Link:	<a href="#">NP_851850</a> <a href="#">Entrez Gene 55615 Human</a> <a href="#">P85299</a>



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**Background:**

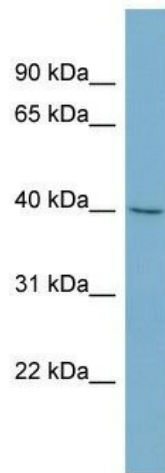
This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. The protein is a component of the mammalian target of rapamycin complex 2 (mTORC2), and it regulates platelet-derived growth factor (PDGF) receptor beta expression and PDGF signaling to Akt and S6K1. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms. Read-through transcripts from this gene into the downstream Rho GTPase activating protein 8 (ARHGAP8) gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene. [provided by RefSeq, Nov 2010]

**Synonyms:**

FLJ20185k; PP610; PROTOR-1; PROTOR1

**Note:**

Immunogen Sequence Homology: Pig: 100%; Human: 100%; Bovine: 100%; Dog: 91%; Horse: 86%

**Product images:**

WB Suggested Anti-PRR5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human brain