

## Product datasheet for **TA357490**

### Protor 1 (PRR5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PPR5
Specificity:	<b>Expected reactivity:</b> Human <b>Homology:</b> Cow: 86%; Dog: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 100%; Rat: 93%
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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	31 kDa
Gene Name:	proline rich 5
Database Link:	<a href="#">NP_001017528.1</a> <a href="#">Entrez Gene 55615 Human</a> <a href="#">P85299-2</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 PPR5 and ARHGAP8 being a single gene.

**Synonyms:**

FLJ20185; FLJ20185k; PP610; protor-1; PROTOR1

**Product images:**