

Product datasheet for TA357490

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OriGene Technologies, Inc.

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: Expected reactivity: Human

Homology: 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.

Note that this product is shipped as lyophilized powder to China customers.

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:** NP 001017528.1

Entrez Gene 55615 Human

P85299-2





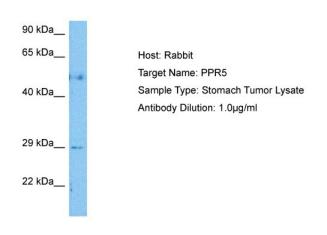
Background:

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.

Synonyms:

FLJ20185; FLJ20185k; PP610; protor-1; PROTOR1

Product images:



Host: Rabbit Target Name: PPR5

Sample Tissue: Stomach Tumor lysates

Antibody Dilution: 1.0ug/ml