

## Product datasheet for **TA349256**

### PRPS1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 2000-5000, WB: 500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BACE1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	phosphoribosyl pyrophosphate synthetase 1
Database Link:	<a href="#">NP_002755</a> <a href="#">Entrez Gene 5631 Human P60891</a>

**Background:** Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Multiple transcript variants encoding different isoforms have been described for this gene.

**Synonyms:** ARTS; CMTX5; DFN2; DFNX1; PPRibP; PRS-I; PRSI

**Protein Families:** Druggable Genome



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Protein Pathways: Metabolic pathways, Pentose phosphate pathway, Purine metabolism

### Product images:



Gel: 8%SDS-PAGE, Lysate: 100 ug, Lane: Human fetal brain tissue, Primary antibody: (BACE1 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute