

## Product datasheet for **TA369681S**

### Prion protein PrP (PRNP) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PRNP
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	prion protein
Database Link:	<a href="#">Entrez Gene 5621 Human P04156</a>

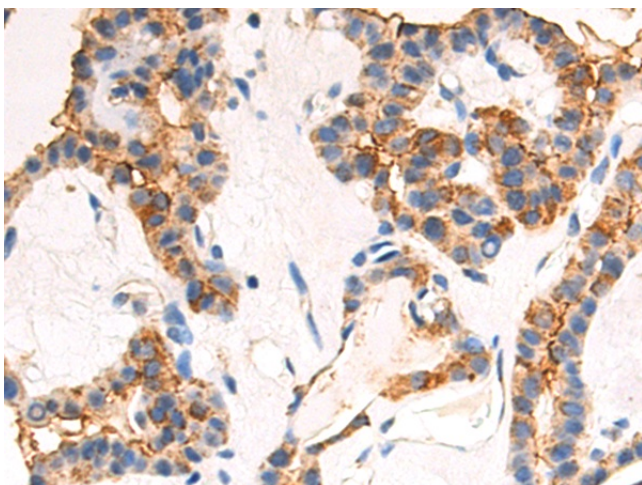
**Background:** The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that tends to aggregate into rod-like structures. The encoded protein contains a highly unstable region of five tandem octapeptide repeats. This gene is found on chromosome 20, approximately 20 kbp upstream of a gene which encodes a biochemically and structurally similar protein to the one encoded by this gene. Mutations in the repeat region as well as elsewhere in this gene have been associated with Creutzfeldt-Jakob disease, fatal familial insomnia, Gerstmann-Straussler disease, Huntington disease-like 1, and kuru. An overlapping open reading frame has been found for this gene that encodes a smaller, structurally unrelated protein, AltPrp. Alternative splicing results in multiple transcript variants.



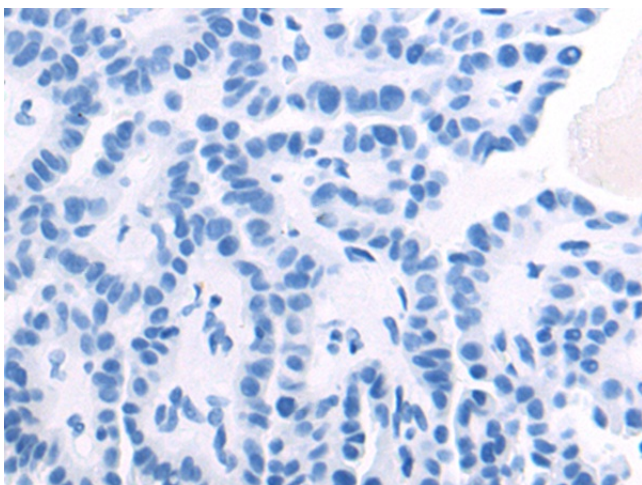
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Synonyms: AA960666; A1325101; CD230; Prn; Prn-i; Prn-p; PrP; prP27-30; prP33-35C; PrP<sup>Sc</sup>; PrP<sup>PrPC</sup>; PrP<sup>Sc</sup>; Sinc

### Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA369681] (PRNP Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA369681] (PRNP Antibody) at dilution 1/50, treated with fusion protein. (Original magnification:  $\times 200$ )