

Product datasheet for **TA336429**

Prion protein PrP (PRNP) Rabbit Polyclonal Antibody

Product data:

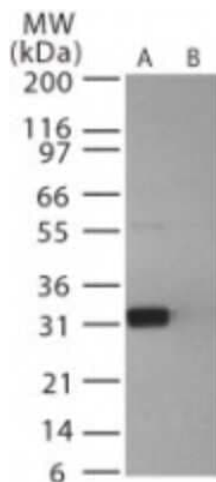
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 0.5-2 ug/ml
Reactivity:	Bovine, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Amino acids 142-148 of BSE protein were used as the immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	prion protein
Database Link:	NP_898902 Entrez Gene 5621 Human F7VIQ1

Background: BSE, also known as prion protein, is a membrane glycosylphosphatidylinositol-anchored glycoprotein belonging to the prion family of proteins and is responsible for several transmissible neurodegenerative spongiform encephalopathies. Though the exact function of BSE is not clear, reports suggest that it has a tendency to aggregate forming polymers known as rods and might act as a signaling neurotransmitter. BSE acts as a potent anti-apoptotic protein against BAX-mediated cell-death. Expression is higher in the brain of humans and animals infected with several degenerative neurological diseases such as kuru, Creutzfeldt-Jakob disease (CJD), Gerstmann-Straussler syndrome (GSS), scrapie, bovine spongiform encephalopathy (BSE), and transmissible mink encephalopathy (TME). Aberration in this protein is also associated with fatal familial insomnia and Huntington disease-like 1.



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Synonyms: AltPrP; ASCR; CD230; CJD; GSS; KURU; p27-30; PRIP; PrP; PrP27-30; PrP33-35C; PrPc
Protein Families: ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane
Protein Pathways: Prion diseases

Product images:

Western Blot: PrPC Antibody TA336429 - Analysis of BSE in (A) recombinant fusion protein containing amino acids 142-148 and (B) fusion partner without these amino acids, using this antibody. 5 ug/ml.