

## Goat anti-Prion Protein (143-153) Antibody

<b>Item Number</b>	dAP-0872
<b>Target Molecule</b>	Principle Name: Prion Protein (143-153); Official Symbol: PRNP ; All Names and Symbols: PRNP ; prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia) ; ASCR; CD230; CJD; GSS; MGC26679; PRIP; PrP; PrP27-30; PrP33-35C; PrPc ; CD230 antigen; major prion protein; prion protein; prion p; Accession Number (s): NP_000302.1; Human Gene ID(s): 5621; Non-Human GeneID(s): 19122 (mouse) 24686 (rat)
<b>Immunogen</b>	SDYEDRYREN, is from internal region Reported variants represent identical protein (NP_000302.1; NP_898902.1; NP_001073590.1; NP_001073591.1; NP_001073592.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 25kDa band observed in Human Brain lysates (calculated MW of 27.7kDa according to NP_000302.1 and NP_898902.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ballerini C, Gourdain P, Bachy V, Blanchard N, Levavasseur E, Gregoire S, Fontes P, Aucouturier P, Hivroz C, Carnaud C. Functional Implication of Cellular Prion Protein in Antigen-Driven Interactions between T Cells and Dendritic Cells. J Immunol. 2006 Jun 15;176(12):7254-62. .PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**