

## Product datasheet for **AP05900PU-N**

### Dnm1 pSer778 Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1:1000; detects a band of approximately 95kDa in rat hippocampus lysates.
Reactivity:	Bovine, Canine, Chicken, Human, Mouse, Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence within dynamin which includes phosphorylated Ser778.
Specificity:	This antibody is specific for Dynamin when phosphorylated at serine 778.
Formulation:	10mM HEPES, pH7.5 containing 0.09% Sodium Azide, 0.01% Bovine Serum Albumin and 50% Glycerol State: Purified State: Liquid purified Ig
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dynamin 1
Database Link:	<a href="#">Entrez Gene 140694 Rat P21575</a>
Background:	Dynamin is a phosphoprotein expressed at nerve terminals, which plays an important role in the regulation of synaptic vesicle endocytosis. Cyclin dependent protein kinase 5 (cdk5) has been shown to phosphorylate serine 774 and 778 <i>in vivo</i> . Dephosphorylation of these residues is essential for endocytosis of synaptic vesicles.
Synonyms:	DNM1, DNM



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