Product datasheet for AP54902SU-N

Dnm3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot:** 1/500-1/5000. **Immunocytochemistry:** 1/100-1/500.
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptides derived from internal domain of the Rat Dynamin-3 protein
Specificity:	Reacts with Rat 98 kDa protein. May cross react with Human and Mouse protein due to sequences homologies.
Formulation:	State: Serum State: Lyophilized powder Preservative: None
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dynamin 3
Database Link:	Entrez Gene 171574 Rat Q08877

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Background: The dynamins are a family of 100 kDa GTPases transcribed from at least three separate genes. At least four mRNA splice variants for each dynamin have been described. Dynamins contain several conserved regions including the conserved, amino-terminal GTPase domain, a centrally located membrane-binding plekstrin homology domain (PHD), and a coiled-coil region located in front of a proline-rich domain (PRD). The PRD is thought to mediate interactions between dynamin and numerous other cellular proteins. Dynamin 1 is expressed exclusively in neurons, Dynamin 2 is ubiquitously expressed, and Dynamin 3 is thought to be restricted to expression in the brain, testis, heart, and lung. The dynamins participate in the cellular process of clathrin-mediated and fluid-phase endocytosis.

Synonyms: DNM3, KIAA0820, T-dynamin