

35-1821: Polyclonal Antibody to Dynamin 1

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	DNM1
Gene ID :	1759
Uniprot ID :	Q05193
Format :	Purified
Alternative Name :	DNM
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.774~778(S-P-T-S-S) derived from Human Dynamin 1

Description

Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes. Involved in receptor-mediated endocytosis "SNX9 regulates dynamin assembly and is required for efficient clathrin-mediated endocytosis." Soulet F., Yarar D., Leonard M., Schmid S.L. Mol. Biol. Cell 16:2058-2067(2005)

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 100kd, Western blotting: 1:500~1:1000

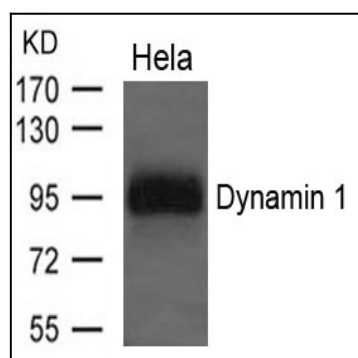


Figure 1: Western blot analysis of extracts from HeLa cells using Dynamin 1 Antibody 35-1821 .