

## 35-1821: Polyclonal Antibody to Dynamin 1

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	DNM1
<b>Gene ID :</b>	1759
<b>Uniprot ID :</b>	Q05193
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DNM
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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., Yazar D., Leonard M., Schmid S.L. Mol. Biol. Cell 16:2058-2067(2005)

### Product Info

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

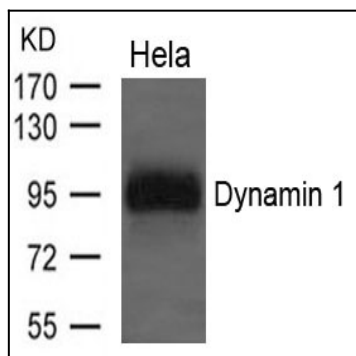


Figure 1: Western blot analysis of extracts from HeLa cells using Dynamin 1 Antibody 35-1821 .