

**Product Name: DYT1 Mouse Monoclonal Antibody****Catalog #: AMM85937**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:8000
<b>Molecular Weight</b>	37.9kDa

**Antigen Information**

<b>Gene Name</b>	DYT1
<b>Alternative Names</b>	Torsin-1A, Dystonia 1 protein, Torsin ATPase-1A, 364-, Torsin family 1 member A, TOR1A, DQ2, DYT1, TA, TORA
<b>Gene ID</b>	1861.0
<b>SwissProt ID</b>	O14656
<b>Immunogen</b>	Purified His-tagged DYT1 protein(Fragment) was used to produced this monoclonal antibody.

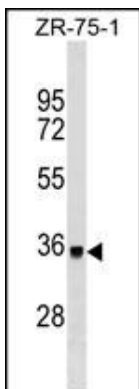
**Background**

The protein encoded by this gene is a member of the AAAfamily of adenosine triphosphatases (ATPases), is related to theClp

protease/heat shock family and is expressed prominently in the substantia nigra pars compacta. Mutations in this gene result in the autosomal dominant disorder, torsion dystonia 1. [provided by RefSeq].

## Research Area

## Image Data



DYT1 Antibody western blot analysis in ZR-75-1 cell line lysates (35µg/lane). This demonstrates the DYT1 antibody detected the DYT1 protein (arrow).