

## MYOZ2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05735
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human MYOZ2. AA range:21-70
<b>Mol wt</b>	29898
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MYOZ2 Antibody
<b>Synonyms</b>	MYOZ2 C4orf5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by MYOZ2 (myozenin 2) belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in MYOZ2 cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder.

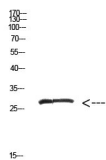
### Recommended Dilution

WB: 1: 500 - 2000

ELISA: 1: 10000 - 20000

Not yet tested in other applications.

### Images



Western Blot analysis of hepg2 cells using Antibody diluted at 500. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year