

MYOZ2 Polyclonal Antibody

Description

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

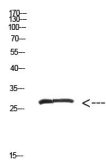
Recommended Dilution

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