

## MYH7B Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11453
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human MYH7B
<b>Mol wt</b>	213510
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MYH7B
<b>Synonyms</b>	MYH7B

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

### Background

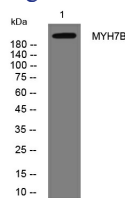
The myosin II molecule is a multi-subunit complex consisting of two heavy chains and four light chains. This gene encodes a heavy chain of myosin II| which is a member of the motor-domain superfamily. The heavy chain includes a globular motor domain| which catalyzes ATP hydrolysis and interacts with actin| and a tail domain in which heptad repeat sequences promote dimerization by interacting to form a rod-like alpha-helical coiled coil. This heavy chain subunit is a slow-twitch myosin. Alternatively spliced transcript variants have been found| but the full-length nature of these variants is not determined.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year