

## Myomesin-2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05728
<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 human MYOM2. AA range:612-661
<b>Mol wt</b>	164794
<b>Species reactivity</b>	Human, Mouse, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Myomesin-2 Antibody
<b>Synonyms</b>	MYOM2; Myomesin-2; 165 kDa connectin-associated protein; 165 kDa titin-associated protein; M-protein; Myomesin family member 2

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

### Background

The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD and 165 kD. Myomesin-2 contains 1,465 amino acids. Like MYOM1, Myomesin-2 has a unique N-terminal domain followed by 12 repeat domains with strong homology to either fibronectin type III or immunoglobulin C2 domains. Protein sequence comparisons suggested that Myomesin-2 and bovine M protein are identical.

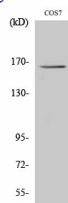
### Recommended Dilution

WB: 1: 500 - 1: 2000

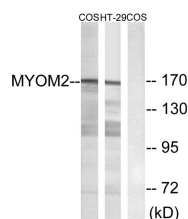
ELISA: 1: 40000

Not yet tested in other applications.

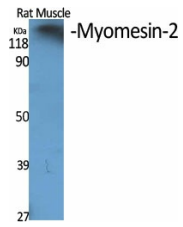
### Images



Western Blot analysis of HT29 cells using Myomesin-2 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COS7 and HT-29 cells, using MYOM2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Myomesin-2 Polyclonal Antibody diluted at 1:500

### Storage

-20°C for one year

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