Myomesin-2 Polyclonal Antibody

Cat #: ABP51880   Size: 30µl /100µl /200µl

Product Information
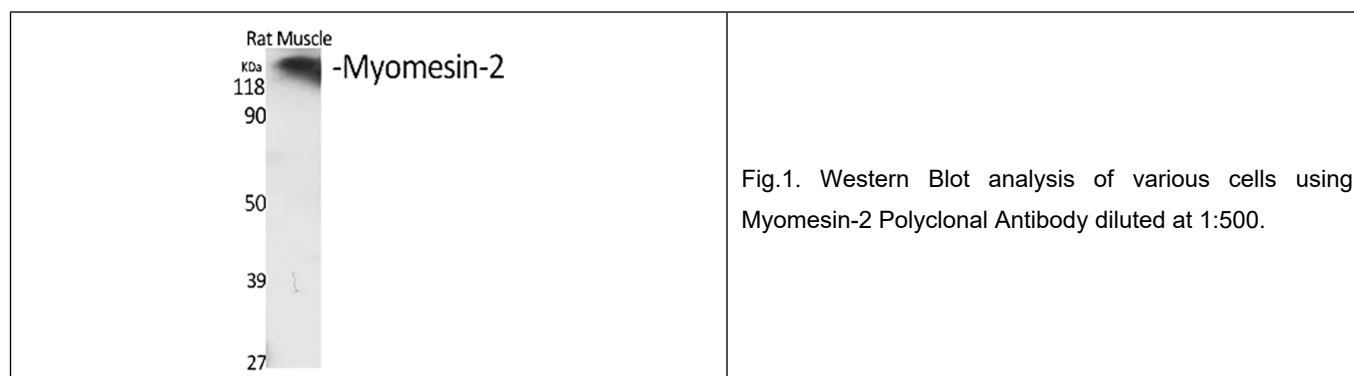
	Product Name: Myomesin-2 Polyclonal Antibody		
	Applications: WB, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Monkey		
REF	**Catalog Number:** ABP51880	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:40000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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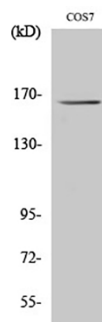
Fig.2. Western Blot analysis of HT29 cells using Myomesin-2 Polyclonal Antibody diluted at 1:500.

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