

## MYOT Antibody

**CAB6439**

### Description

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This MYOT Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB6439  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** MFM3, TTID, TTOD, LGMD1, LGMD1A, MYOT  
**Clone:** -  
**Applications:** **WB** **IF/ICC** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 9499  
**Uniprot:** AB\_2767041  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 55kDa  
**Calculated MW:** 55kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

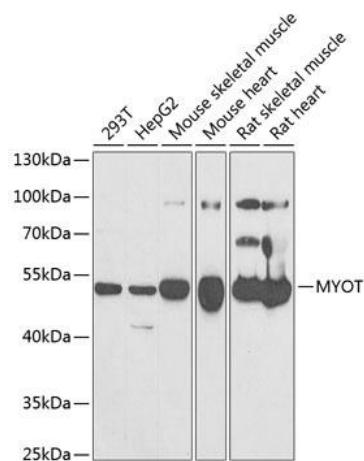
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** 293T, HepG2, Mouse skeletal muscle, Mouse heart, Rat skeletal muscle, Rat heart

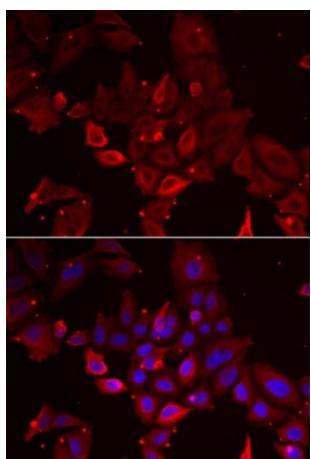
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IF/ICC</b>	1:10 - 1:100
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using MYOT Rabbit pAb (CAB6439) at 1:1000 dilution.\_Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.\_Lysates/proteins: 25µg per lane.\_Blocking buffer: 3% nonfat dry milk in TBST.\_Detection: ECL Enhanced Kit (AbGn00021).\_Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using MYOT Rabbit pAb (CAB6439). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.