

**TOM1L2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56616**

**Specification**

**TOM1L2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q6ZVM7</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TOM1L2
Epitope Specificity	331-430/507
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TOM1 family. Contains 1 GAT domain. Contains 1 VHS domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

Probable role in protein transport. May regulate growth factor-induced mitogenic signaling.

**TOM1L2 Polyclonal Antibody - Additional Information**

**Gene ID** 146691

**Other Names**

TOM1-like protein 2, Target of Myb-like protein 2, TOM1L2

**Target/Specificity**

Ubiquitously expressed with higher expression in heart and skeletal muscle.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br /><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br /><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br /><span class = "dilution\_IF">IF~~1:50~200</span><br /><span class = "dilution\_ICC">ICC~~N/A</span><br /><span class = "dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH

7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### TOM1L2 Polyclonal Antibody - Protein Information

**Name** TOM1L2

#### Function

Acts as a MYO6/Myosin VI adapter protein that targets myosin VI to endocytic structures (PubMed:<a href="http://www.uniprot.org/citations/23023224" target="\_blank">23023224</a>). May also play a role in recruiting clathrin to endosomes (PubMed:<a href="http://www.uniprot.org/citations/16412388" target="\_blank">16412388</a>). May regulate growth factor-induced mitogenic signaling (PubMed:<a href="http://www.uniprot.org/citations/16479011" target="\_blank">16479011</a>).

#### Tissue Location

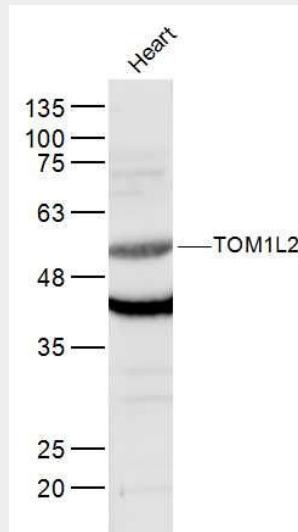
Ubiquitously expressed with higher expression in heart and skeletal muscle.

### TOM1L2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TOM1L2 Polyclonal Antibody - Images



Sample:

Heart (Mouse) Lysate at 40 ug

Primary: Anti-TOM1L2 (bs-17223R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 56 kD

Observed band size: 56 kD