

Datasheet for ABIN7126097  
**anti-TOM1L1 antibody**



[Go to Product page](#)

**2** Images

## Overview

Quantity:	20 µg
Target:	TOM1L1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TOM1L1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

## Product Details

Immunogen:	Recombinant full-length human TOM1L1 protein
Isotype:	IgG
Specificity:	Tom1 (target of Myb 1) is a 492 amino acid cytoplasmic protein that belongs to the Tom1 family. Widely expressed with highest expression in heart, liver, placenta and skeletal muscle, Tom1 is thought to be involved in intracellular trafficking and may be associated with the translocation of ubiquitinated proteins to early endosomes for degradation. Tom1 contains one GAT domain and one VHS domain through which it interacts and complexes with proteins such as Tollip and endofin (also known as SARA). These interactions recruit Tom1 to the endosome, allowing it to participate in the endosomal trafficking of ubiquitin-tagged proteins.
Cross-Reactivity (Details):	Human.
Purification:	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

## Target Details

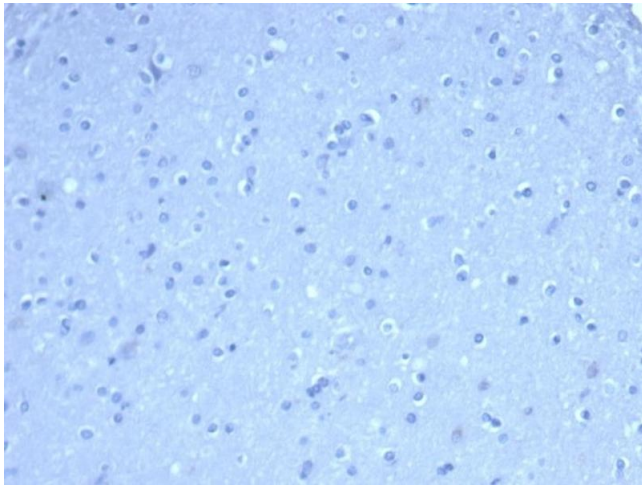
Target:	TOM1L1
Alternative Name:	TOM1L1 ( <a href="#">TOM1L1 Products</a> )
Background:	2310045L10Rik, C80573, OK/KNS CL.3, Src activating and signaling molecule, SRCASM, Target of Myb like protein 1, Target of myb1 (chicken) homolog like 1, Target of myb1 (chicken) like 1, TOM1 like protein 1, TOM1L1 protein,TOM1L1 (Target of Myb1 Like 1 Membrane Trafficking Protein)  Cellular localisation: Golgi apparatus > Golgi stack. Endosome membrane.
Molecular Weight:	53kDa.
Gene ID:	10040, 153504
UniProt:	<a href="#">075674</a>

## Application Details

Application Notes:	Positive Control: Human kidney.  Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

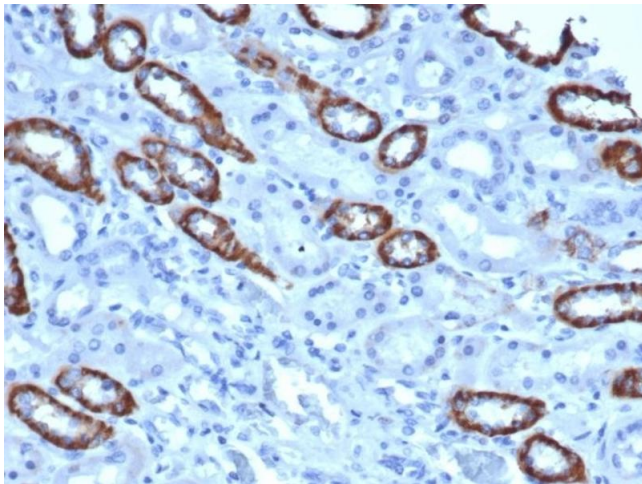
## Handling

Concentration:	200 µg/mL
Buffer:	Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.
Expiry Date:	24 months



#### Immunohistochemistry

**Image 1.** IHC analysis of formalin-fixed, paraffin-embedded human brain. Negative tissue control using TOM1L1/4690 at 2 µg/mL in PBS for 30 min RT. HIER: Tris/EDTA, pH 9.0, 45 min. 2 °: HRP-polymer, 30 min. DAB, 5 min.



#### Immunohistochemistry

**Image 2.** IHC analysis of formalin-fixed, paraffin-embedded human kidney. TOM1L1/4690 at 2 µg/mL in PBS for 30 min RT. HIER: Tris/EDTA, pH 9.0, 45 min. 2 °: HRP-polymer, 30 min. DAB, 5 min.