

# Anti-TIM50 Rabbit Monoclonal Antibody

Catalog # ABO16801

## Product Information

---

|                          |                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                              |
| <b>Primary Accession</b> | <a href="#">Q3ZCQ8</a>                                                                                          |
| <b>Host</b>              | Rabbit                                                                                                          |
| <b>Isotype</b>           | Rabbit IgG                                                                                                      |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                               |
| <b>Clonality</b>         | Monoclonal                                                                                                      |
| <b>Format</b>            | Liquid                                                                                                          |
| <b>Description</b>       | Anti-TIM50 Rabbit Monoclonal Antibody . Tested in WB applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

---

|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 92609                                                                                                                                      |
| <b>Other Names</b>         | Mitochondrial import inner membrane translocase subunit TIM50, TIMM50, TIM50                                                               |
| <b>Calculated MW</b>       | 39646                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000                                                                                                                            |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 32T72                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human TIM50                                                                                             |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

---

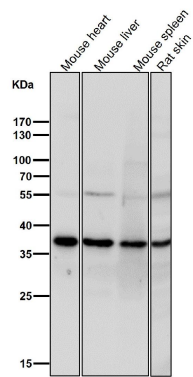
|                 |                                                                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | TIMM50                                                                                                                                                                                                                                              |
| <b>Synonyms</b> | TIM50                                                                                                                                                                                                                                               |
| <b>Function</b> | Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane (PubMed: <a href="#">30190335</a> , PubMed: <a href="#">38828998</a> ). Has some |

phosphatase activity in vitro; however such activity may not be relevant in vivo.

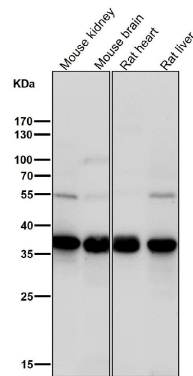
**Cellular Location** Mitochondrion inner membrane; Single-pass membrane protein

**Tissue Location** Widely expressed. Expressed at higher level in brain, kidney and liver (at protein level)

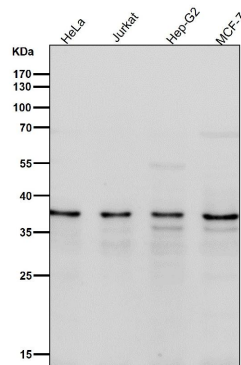
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.