

## Anti-QTRT1 Polyclonal Antibody

### Product Details

|                   |                                       |
|-------------------|---------------------------------------|
| Ig Type:          | IgG                                   |
| Reactivity:       | Mouse (predicted:Human,Rat,GuineaPig) |
| Molecular Weight: | Theoretical: 44 kDa. Actual: 48 kDa.  |
| Purification:     | Protein A purified                    |

### Applications

|                    |  |
|--------------------|--|
| Verified Activity: | Sample: Heart (Mouse) Lysate at 40 µg<br>Primary: Anti-QTRT1 (TMAB-11973) at 1/300 dilution<br>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br>Predicted band size: 44 kD<br>Observed band size: 48 kD |
| Application:       | WB   |
| Recommended        | WB: 1:500-2000   |

### Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

### Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human QTRT1 |
| Antigen Species: | Human   |
| Gene ID:         | 81890   |
| Uniprot ID:      | Q9BXR0  |

### Research Background

This gene encodes the catalytic subunit of tRNA-guanine transglycosylase. tRNA-guanine transglycosylase is a heterodimeric enzyme complex that plays a critical role in tRNA modification by synthesizing the 7-deazaguanosine queuosine, which is found in tRNAs that code for asparagine, aspartic acid, histidine and tyrosine. A pseudogene of this gene is located on the long arm of chromosome X. [provided by RefSeq, Feb 2012]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481