

## Product datasheet for **TA806044AM**

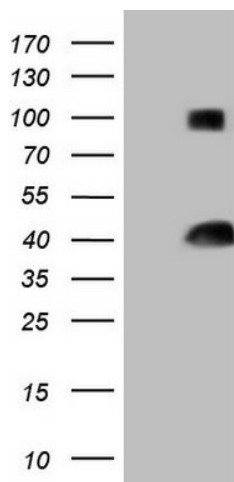
### **THTPA Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4H2]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI4H2   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:2000  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG2b  |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 2-230 of human THTPA(NP_077304) produced in E.coli.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 0.5 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | Biotin   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 25.4 kDa   |
| Gene Name:              | thiamine triphosphatase  |
| Database Link:          | <a href="#">NP_077304</a><br><a href="#">Entrez Gene 79178 Human</a><br><a href="#">Q9BU02</a>   |
| Background:             | This gene encodes an enzyme which catalyzes the biosynthesis of thiamine diphosphate (vitamin B1) by hydrolysis of thiamine triphosphate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011] |
| Synonyms:               | THTP; THTPASE  |
| Protein Pathways:       | Metabolic pathways, Thiamine metabolism  |



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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY THTPA ([RC200849], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-THTPA (1:2000). Positive lysates [LY411308] (100ug) and [LC411308] (20ug) can be purchased separately from OriGene.