

## Product datasheet for **TA360645**

### MYO1A Rabbit Polyclonal Antibody

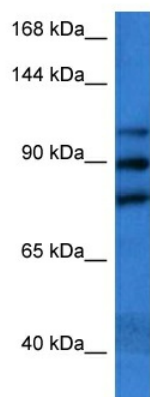
#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Reactivity:             | Human  |
| Host:                   | Rabbit   |
| Clonality:              | Polyclonal   |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the middle region of human MYO1A   |
| Specificity:            | <b>Expected reactivity:</b> Human  |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.  |
| Concentration:          | lot specific   |
| Purification:           | Affinity purified  |
| Conjugation:            | Unconjugated   |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.  |
| Stability:              | Shelf life: one year from despatch.  |
| Predicted Protein Size: | 115 kDa  |
| Gene Name:              | myosin IA  |
| Database Link:          | <a href="#">NP_001242970.1</a><br><a href="#">Entrez Gene 4640 Human</a><br><a href="#">Q9UBC5</a>   |
| Background:             | This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional skeletal muscle myosin-1 (MYH1). Unconventional myosins contain the basic domains characteristic of conventional myosins and are further distinguished from class members by their tail domains. They function as actin-based molecular motors. Mutations in this gene have been associated with autosomal dominant deafness. Alternatively spliced variants have been found for this gene. |
| Synonyms:               | BBM-I; BBMI; DFNA48; MIHC; MYHL  |



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## Product images:



Host: Rabbit  
Target Name: MYO1A  
Sample Type: THP-1 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: MYO1A  
Sample Tissue: Human THP-1 Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml