

Anti-MYO5A Antibody
Catalog # AP53967**Specification**

Anti-MYO5A Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q9Y4I1 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 215405 |

Anti-MYO5A Antibody - Additional Information**Gene ID** 4644**Other Names**

MYH12; Unconventional myosin-Va; Dilute myosin heavy chain non-muscle; Myosin heavy chain 12; Myosin-12; Myoxin

Target/Specificity

Recognizes endogenous levels of MYO5A protein.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-MYO5A Antibody - Protein Information**Name** MYO5A**Synonyms** MYH12**Function**

Processive actin-based motor that can move in large steps approximating the 36-nm pseudo-repeat of the actin filament. Involved in melanosome transport. Also mediates the transport of vesicles to the plasma membrane. May also be required for some polarization process involved in dendrite formation.

Tissue Location

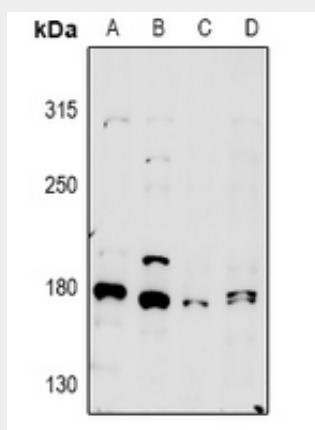
Detected in melanocytes.

Anti-MYO5A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MYO5A Antibody - Images



Western blot analysis of MYO5A expression in H9C2 (A), AML12 (B), A2780 (C), HepG2 (D) whole cell lysates.

Anti-MYO5A Antibody - Background

Rabbit polyclonal antibody to MYO5A