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Datasheet for ABIN7439273

anti-Myosin antibody (AA 1069-1331)

6 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Myosin |
| Binding Specificity: | AA 1069-1331 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Myosin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Myosin Heavy Chain 14, Non Muscle (MYH14) |
| Immunogen: | Recombinant Myosin Heavy Chain 14, Non Muscle (MYH14) corresponding to Arg1069~Leu1331 (Accession # Q7Z406) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MYH14. It has been selected for its ability to recognize MYH14 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

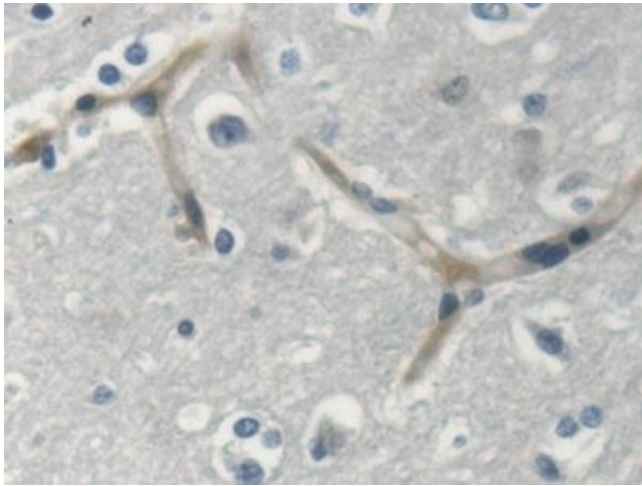
| | |
|-------------------|---|
| Target: | Myosin |
| Alternative Name: | Myosin Heavy Chain 14, Non Muscle (Myosin Products) |
| Background: | DFNA4, NMHC-II-C, MHC16, MYH17 |

Application Details

| | |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

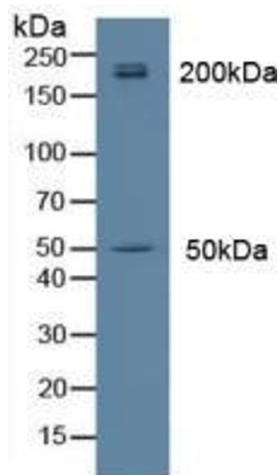
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



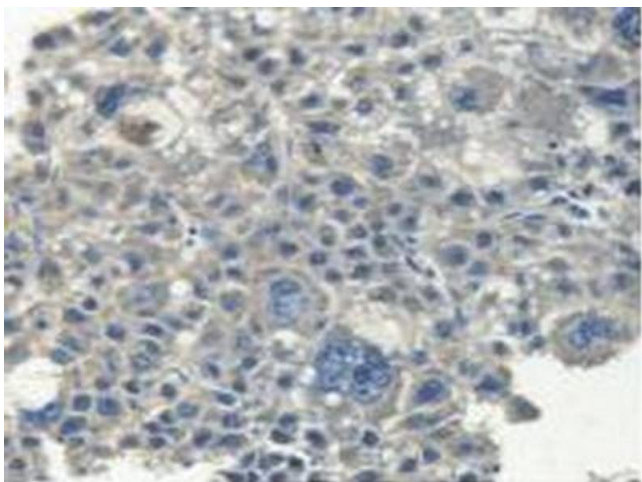
Immunohistochemistry

Image 1. Detection of MYH14 in Human Cerebrum Tissue using Polyclonal Antibody to Myosin Heavy Chain 14, Non Muscle (MYH14)



Western Blotting

Image 2. Detection of MYH14 in Rat Brain Tissue using Polyclonal Antibody to Myosin Heavy Chain 14, Non Muscle (MYH14)



Immunohistochemistry

Image 3. Detection of MYH14 in Human Liver Cancer Tissue using Polyclonal Antibody to Myosin Heavy Chain 14, Non Muscle (MYH14)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7439273.