



[Go to Product page](#)

Datasheet for ABIN1944769

## anti-Myosin antibody (AA 654-668)

3 Images

1 Publication

### Overview

Quantity:	400 µL
Target:	Myosin
Binding Specificity:	AA 654-668
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This MYH14 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 654-668 amino acids from the Central region of human MYH14.
Clone:	RB47185
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	Myosin
Alternative Name:	MYH14 ( <a href="#">Myosin Products</a> )
Background:	Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions

## Target Details

---

such as secretion and capping (By similarity).

Molecular Weight: 227871

Gene ID: 79784

UniProt: [Q7Z406](#)

## Application Details

---

Application Notes: WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months

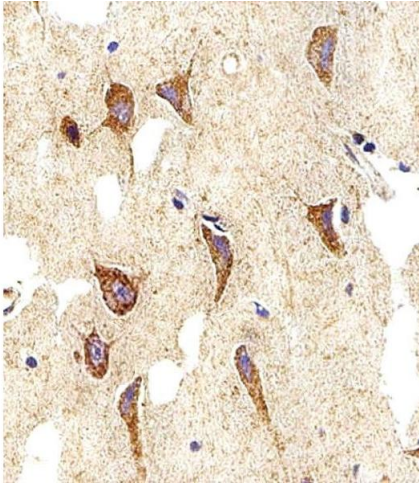
## Publications

---

Product cited in: Dong, Hakimi, Chen, Kumaraswamy, Cooch, Godwin, Shiekhattar: "Regulation of BRCC, a holoenzyme complex containing BRCA1 and BRCA2, by a signalosome-like subunit and its role in DNA repair." in: **Molecular cell**, Vol. 12, Issue 5, pp. 1087-99, (2003) ([PubMed](#)).

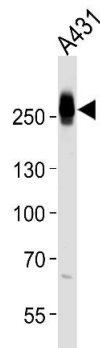
Ching, Li, Li, Chan, Chan, Lim, Pang, Chui: "Expression of human BRE in multiple isoforms." in: **Biochemical and biophysical research communications**, Vol. 288, Issue 3, pp. 535-45, (2001) ([PubMed](#)).

Li, Yoo, Becker, Ali-Osman, Chan: "Identification of a brain- and reproductive-organs-specific gene responsive to DNA damage and retinoic acid." in: **Biochemical and biophysical research communications**, Vol. 206, Issue 2, pp. 764-74, (1995) ([PubMed](#)).



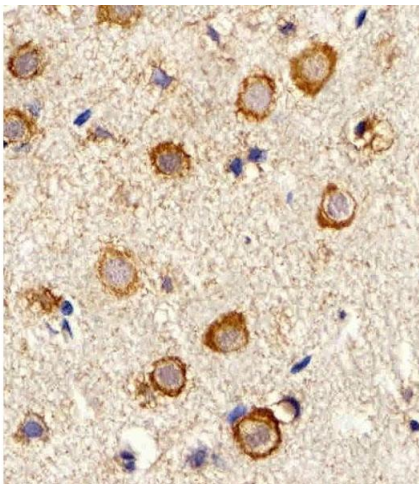
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of paraffin-embedded H.brain section using MYH14 Antibody (Center) (ABIN1944769 and ABIN2838513). (ABIN1944769 and ABIN2838513) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



### Western Blotting

**Image 2.** Western blot analysis of lysate from A431 cell line, using MYH14 Antibody (Center) (ABIN1944769 and ABIN2838513). (ABIN1944769 and ABIN2838513) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35  $\mu$ g.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemical analysis of paraffin-embedded M.brain section using MYH14 Antibody (Center) (ABIN1944769 and ABIN2838513). (ABIN1944769 and ABIN2838513) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.