

Product datasheet

Anti-MYO1D antibody ab70204

1 References 1 Image

Overview

Product name	Anti-MYO1D antibody
Description	Mouse polyclonal to MYO1D
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human MYO1D protein (isoform 2: AAH30602.1).
Positive control	MYO1D transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: 2.68% PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70204** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application notes	WB: 1/500 - 1/1000. Detects a band of approximately 52 kDa (predicted molecular weight for isoform 2: 50 kDa).
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

Myosins are actin based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments.

Images



Western blot - Anti-MYO1D antibody (ab70204)

All lanes : Anti-MYO1D antibody (ab70204) at 1/500 dilution

Lane 1 : MYO1D transfected 293T cell lysate

Lane 2 : non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 50 kDa

Observed band size: 52 kDa

[why is the actual band size different from the predicted?](#)

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