

## MYH-pan Rabbit Polyclonal Antibody

### Catalog #: EAB14287

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P, IF, ELISA	225	Human, Mouse, Rat

### Applications Dilutions

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

<b>WB</b> (Western Blotting)	1:500-2000
<b>IHC-P</b> (Immunohistochemistry-Paraffin)	1:50-300
<b>IF</b> (Immunofluorescence)	1:50-300
<b>ELISA</b> (Enzyme-linked Immunosorbent Assay)	1:5000-20000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	MYH-pan Rabbit Polyclonal Antibody detects endogenous levels of MYH-pan protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
<b>UniProt ID</b>	<a href="#">P12882</a> , <a href="#">Q9UKX2</a> , <a href="#">P11055</a> , <a href="#">Q9Y623</a> , <a href="#">P13533</a> , <a href="#">P12883</a> , <a href="#">P13535</a>
<b>Entrez-Gene ID</b>	<a href="#">4619</a> , <a href="#">4620</a> , <a href="#">4621</a> , <a href="#">5795</a> , <a href="#">4624</a> , <a href="#">4625</a> , <a href="#">4626</a>

### Product Description

Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development.

**For Reserch Use Only. Not For Use In Diagnostic Procedures**