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# MYH2 Antibody

Rabbit mAb
Catalog # AP93277

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9UKX2 |
| **Reactivity** | Rat, Human, Mouse |
| **Clonality** | Monoclonal |
| **Other Names** | IBM3; MYH2; MYH2A; MYHas8; MYHSA2; Myosin heavy chain 2; Myosin heavy chain IIa; MYPOP; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 223044 |

## Additional Information

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|---|---|
| **Dilution** | WB 1:500~1:2000 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human MYH2 |
| **Description** | Muscle contraction. Required for cytoskeleton organization. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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|---|---|
| **Name** | MYH2 ( HGNC:7572) |
| **Synonyms** | MYHSA2 |
| **Function** | Myosins are actin-based motor molecules with ATPase activity essential for muscle contraction. |
| **Cellular Location** | Cytoplasm, myofibril {ECO:0000250\|UniProtKB:G3UW82}. Note=Thick filaments of the myofibrils |

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