# Product datasheet for TA378445S

## MEF2A Rabbit Polyclonal Antibody

## Product data:

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|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | ICC/IF, IHC, WB |
| **Recommended Dilution:** | WB,1:500 - 1:2000<br>IHC,1:50 - 1:200<br>IF,1:50 - 1:200 |
| **Reactivity:** | Human, Mouse, Rat |
| **Modifications:** | Unmodified |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MEF2A (NP_001124400.1). |
| **Formulation:** | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 45kDa/46kDa/53kDa/54kDa |
| **Gene Name:** | myocyte enhancer factor 2A |
| **Database Link:** | Entrez Gene 4205 Human<br>Q02078 |

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| **Background:** | The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene. |
| **Synonyms:** | ADCAD1; MEF2; RSRFC4; RSRFC9 |

## Product images:
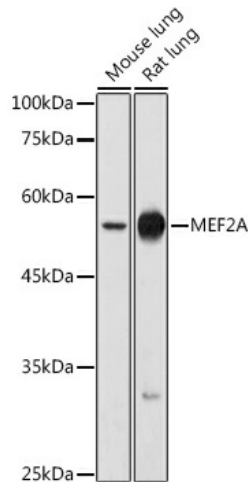


Western blot analysis of extracts of various cell lines, using MEF2A antibody ([TA378445]) at 1:500 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit .|Exposure time: 90s.