# MYOD1 Polyclonal Antibody

**Catalog No.** E-AB-53266

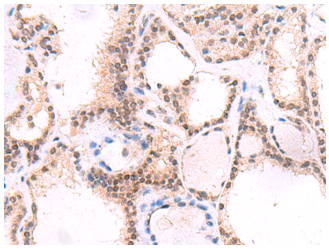
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

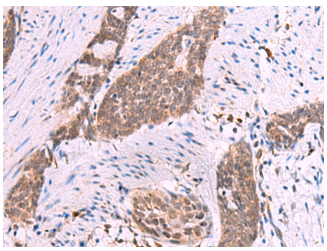
| | |
|---|---|
| **Reactivity** | Human, Mouse, Rat |
| **Immunogen** | Synthetic peptide of human MYOD1 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Antigen affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.05% NaN3 and 40% Glycerol,pH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | **1:25-1:100,** |
| **ELISA** | **1:5000-1:10000** |

## Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYOD1 Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MYOD1 Polyclonal Antibody at dilution of 1:50(×200)

## Preparation & Storage

**Storage** Store at -20℃. Avoid freeze / thaw cycles.

## Background

This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.



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