

## Goat anti-Myogenin / MYF4 Antibody

**Item Number** dAP-2148

**Target Molecule** Principle Name: Myogenin / MYF4; Official Symbol: MYOG; All Names and Symbols: MYOG; myogenin (myogenic factor 4); MYF4; MYOGENIN; bHLHc3; Myogenic factor-4; myogenin; myogenic factor 4; myogenin; Accession Number (s): NP\_002470.2; Human Gene ID(s): 4656; Non-Human GeneID(s):

**Immunogen** TDAHNLHSLTSIVD, is from C Terminus (near)

**Applications** Pep ELISA, WB

Species Tested: Mouse

**Purification** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Supplied As** lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  
Aliquot and store at -20°C. Minimize freezing and thawing.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 16000.

**Western Blot** Western Blot: Approx 38kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 25.0kDa according to Human NP\_002470.2 and of 25.2kDa according to Mouse NP\_112466.1). The observed molecular weight corresponds to earlier findings with differen

**IHC**

**Reference** Reference(s): Roy K, de la Serna IL, Imbalzano AN, The myogenic basic helix-loop-helix family of transcription factors shows similar requirements for SWI/SNF chromatin remodeling enzymes during muscle differentiation in culture. The Journal of biological chemistry 2002 Sep 277 (37): 33818-24..PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**