

## Goat anti-MYF5 Antibody

<b>Item Number</b>	dAP-1389
<b>Target Molecule</b>	Principle Name: MYF5; Official Symbol: MYF5 ; All Names and Symbols: MYF5 ; myogenic factor 5 ; Accession Number (s): NP_005584.1; Human Gene ID(s): 4617; Non-Human GeneID(s):
<b>Immunogen</b>	PECNSPVWSRKSST, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 28kDa band observed in Human Skeletal Muscle lysates (calculated MW of 28.4kDa according to NP_005584.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of 26kDa was consistently observed, however this band was not blocked.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Kuang S, Kuroda K, Le Grand F, Rudnicki MA. Asymmetric self-renewal and commitment of satellite stem cells in muscle. . 2007 Jun 1;129(5):999-1010..PMID: 17540178 ->

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**