

MyoD Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05723
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MyoD around the non-acetylation site of Lys99/102. AA range:61-110
Mol wt	34490
Species reactivity	Human, Mouse, Rat, Chicken
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MyoD Antibody
Synonyms	MYOD1; BHLHC1; MYF3; MYOD; Myoblast determination protein 1; Class C basic helix-loop-helix protein 1; bHLHc1; Myogenic factor 3; Myf-3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MYO9B encodes a member of the myosin family of actin-based molecular motor heavy chain proteins. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-9 (MYH9). The protein has four IQ motifs located in the neck domain that bind calmodulin, which serves as a light chain. The protein complex has a single-headed structure and exhibits processive movement on actin filaments toward the minus-end. The protein also has rho-GTPase activity. Polymorphisms in this gene are associated with celiac disease and ulcerative colitis susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene.

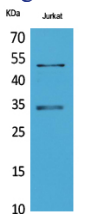
Recommended Dilution

WB: 1: 500 - 1: 2000

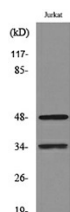
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of Jurkat cells using MyoD Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.



Western blot analysis of extracts from Jurkat cells, using MyoD (Ab-99/102) Antibody.

Storage

-20°C for one year

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