

Product Datasheet

Troponin T type 1 (slow skeletal) Antibody H00007138-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00007138-B01P**Troponin T type 1 (slow skeletal) Antibody**

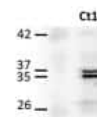
| Product Information | |
|----------------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size | 0.05 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.4) |

| Product Description | |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Quality control test: Antibody reactive against mammalian transfected lysate. |
| Host | Mouse |
| Gene ID | 7138 |
| Gene Symbol | TNNT1 |
| Species | Human, Invertebrate |
| Reactivity Notes | invertebrate reactivity reported in scientific literature (PMID: 26213227). |
| Specificity/Sensitivity | TNNT1 - troponin T type 1 (skeletal, slow), |
| Immunogen | TNNT1 (NP_003274, 1 a.a. - 251 a.a.) full-length human protein. MSDTEEQEYEEEQPEEEAAEEEEEEEEERPKPSRPVVPPLIPPKIPEGERVDFD DIHRKRMEKDLLELQTLIDVHFEQRKKEEEELVALKERIERRRSERAEQQRFRFRT EKERERQAKLAEKMRKEEEEAKKRAEDDAKKKKVLSNMGAHFGGYLVKAEQ KRGKRQTGREMKVRILSERKKPLDIDYMGEEQLREKAQELSDWIHQLESEKFD LMAKLGKQKYEINVLYNRISHAQKFRKGAGKGRVGGRWK |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |

| Product Application Details | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications | Western Blot |
| Recommended Dilutions | Western Blot |
| Application Notes | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. |

Images

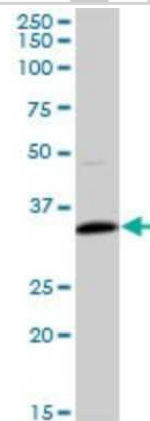
Western Blot: Troponin T type 1 (slow skeletal) Antibody [H00007138-B01P] - Human skeletal muscle lysate. Image from verified customer review.



Western Blot: Troponin T type 1 (slow skeletal) Antibody [H00007138-B01P] - Analysis of TNNT1 expression in transfected 293T cell line by TNNT1 polyclonal antibody. Lane 1: TNNT1 transfected lysate(27.61 KDa). Lane 2: Non-transfected lysate.



Western Blot: Troponin T type 1 (slow skeletal) Antibody [H00007138-B01P] - Analysis of TNNT1 expression in SJCRH30.



Publications

Vyatchin IG, Shevchenko UV, Lazarev SS et al. Troponin-like regulation in muscle thin filaments of the mussel *Crenomytilus grayanus* (Bivalvia: Mytiloidea) *Biochim. Biophys. Acta.* 2015-07-26 [PMID: 26213227] (WB, Mollusca)

Li H, Takai N, Yuge A et al. Novel target genes responsive to the anti-growth activity of triptolide in endometrial and ovarian cancer cells. *Cancer Lett* 2010-06-12 [PMID: 20547442]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to H00007138-B01P

| | |
|----------------|---------------------------------------------------------------|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97019-5mg | Mouse IgG Isotype Control |
| NBP2-38855PEP | Troponin T type 1 (slow skeletal) Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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