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Datasheet for ABIN2784496
anti-TNNT3 antibody (C-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TNNT3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Horse, Dog, Goat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TNNT3
Sequence:	QLEIDKFEFG EKLKRQKYDI MNVRARVQML AKFSKKAGTP AKGKVGGRWK
Predicted Reactivity:	Cow: 86%, Dog: 93%, Goat: 85%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TNNT3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TNNT3
Alternative Name:	TNNT3 (TNNT3 Products)

Target Details

Background:	Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Alias Symbols: AMCD2B, DA2B, DKFZp779M2348, FSSV, TNTF Protein Interaction Partner: TNNC1, TPM1, TNNI2, TNNC2, TNNT3, NUDT3, TSG101, TRIM63, SNUPN, HAP1, Protein Size: 250
Molecular Weight:	30 kDa
Gene ID:	7140
NCBI Accession:	NM_001042780 , NP_001036245
UniProt:	P45378

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 250 AA
Restrictions:	For Research Use only

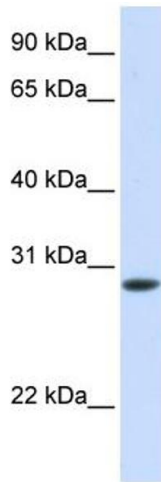
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Jena, Janjanam, Naru, Kumar, Kumar, Singh, Mohapatra, Kola, Anand, Jaswal, Verma, Malakar, Dang, Kaushik, Reddy, Mohanty: "DIGE based proteome analysis of mammary gland tissue in water buffalo (*Bubalus bubalis*): Lactating vis-a-vis heifer." in: **Journal of proteomics**, Vol. 119C , pp. 100-111, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TNNT3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Muscle