Datasheet for ABIN746635

anti-Troponin I antibody (pSer23, pSer24) (Biotin)

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Overview

Quantity:	100 µL
Target:	Troponin I (TNNI)
Binding Specificity:	pSer23, pSer24
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Troponin I antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Troponin I around the phosphorylation site of Ser23/24
Isotype:	IgG
Specificity:	These phosphorylation sites are homologous among the listed cross-reactive species.
Cross-Reactivity:	Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Troponin I (TNNI)
Alternative Name:	Troponin I + (TNNI Products)
Background:	Synonyms: ANM, TNT, NEM5, STNT, TNTS, Troponin T, slow skeletal muscle, Slow skeletal muscle troponin T, TNNT1 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.
Gene ID:	7138
UniProt:	P13805

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months