Datasheet for ABIN564033

anti-TXNL1 antibody (AA 190-289)

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Overview

Quantity:	100 µg
Target:	TXNL1
Binding Specificity:	AA 190-289
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TXNL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TXNL1.
Immunogen:	TXNL1 (AAH01156, 190 a.a. ~ 289 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GPKYVKIFIN LPRSMDFEEA ERSEPTQALE LTEDDIKEDG IVPLRYVKFQ NVNSVTIFVQ SNQGEEETTR ISYFTFIGTP VQATNMNDFK RVVGKKGESH
Clone:	1A10
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	TXNL1
Alternative Name:	TXNL1 (TXNL1 Products)
Background:	Full Gene Name: thioredoxin-like 1 Synonyms: TRP32,TXL-1,TXNL,Txl
Gene ID:	9352
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Gemoll, Roblick, Szymczak, Braunschweig, Becker, Igl, Bruch, Ziegler, Hellman, Difilippantonio, Ried, Jörnvall, Auer, Habermann: "HDAC2 and TXNL1 distinguish aneuploid from diploid colorectal cancers." in: **Cellular and molecular life sciences : CMLS**, Vol. 68, Issue 19, pp. 3261-74, (2011) (PubMed).

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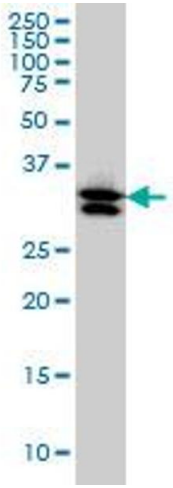
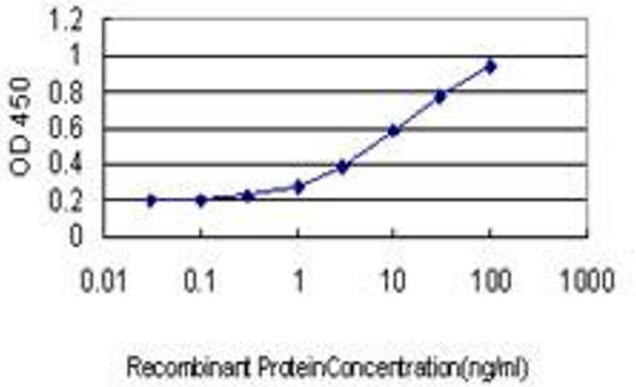


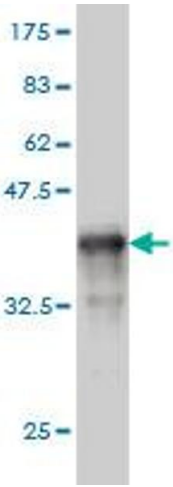
Western Blotting

Image 1. TXNL1 monoclonal antibody (M01), clone 1A10 Western Blot analysis of TXNL1 expression in HL-60 .



ELISA

Image 2. Detection limit for recombinant GST tagged TXNL1 is approximately 1ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 KDa) .