

Datasheet for ABIN1538901
anti-TIGAR antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	TIGAR
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIGAR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TIGAR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TIGAR.
Clone:	RB39908
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TIGAR
Alternative Name:	TIGAR (TIGAR Products)
Background:	This gene is regulated as part of the p53 tumor suppressor pathway and encodes a protein with

Target Details

sequence similarity to the bisphosphate domain of the glycolytic enzyme that degrades fructose-2,6-bisphosphate. The protein functions by blocking glycolysis and directing the pathway into the pentose phosphate shunt. Expression of this protein also protects cells from DNA damaging reactive oxygen species and provides some protection from DNA damage-induced apoptosis. The 12p13.32 region that includes this gene is paralogous to the 11q13.3 region. [provided by RefSeq].

Molecular Weight: 30063

Gene ID: 57103

NCBI Accession: [NP_065108](#)

UniProt: [Q9NQ88](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

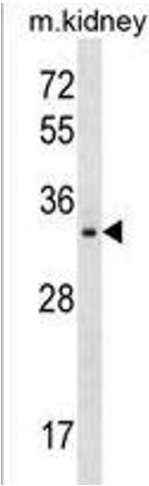
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: TIGAR Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. TIGAR Antibody (N-term) (ABIN1538901 and ABIN2838218) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the TIGAR antibody detected the TIGAR protein (arrow).