Datasheet for ABIN6134159

anti-THRAP3 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	THRAP3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THRAP3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide of human THRAP3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	THRAP3
Alternative Name:	THRAP3 (THRAP3 Products)
Background:	Involved in pre-mRNA splicing. Remains associated with spliced mRNA after splicing which probably involves interactions with the exon junction complex (EJC. Can trigger mRNA decay which seems to be independent of nonsense-mediated decay involving premature stop codons (PTC recognition. May be involved in nuclear mRNA decay. Involved in regulation of signal-

Target Details

	induced alternative splicing. During splicing of PTPRC/CD45 is proposed to sequester phosphorylated SFPQ from PTPRC/CD45 pre-mRNA in resting T-cells. Involved in cyclin-D1/CCND1 mRNA stability probably by acting as component of the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in response to DNA damage. Is excluced from DNA damage sites in a manner that parallels transcription inhibition, the function may involve the SNARP complex. Initially thought to play a role in transcriptional coactivation through its association with the TRAP complex, however, it is not regarded as a stable Mediator complex subunit. Cooperatively with HELZ2, enhances the transcriptional activation mediated by PPARG, maybe through the stabilization of the PPARG binding to DNA in presence of ligand. May play a role in the terminal stage of adipocyte differentiation. Plays a role in the positive regulation of the circadian clock. Acts as a coactivator of the CLOCK-ARNTL/BMAL1 heterodimer and promotes its transcriptional activator activity and binding to circadian target genes.,THRAP3,TRAP150,BCLAF2,Epigenetics & Nuclear Signaling,RNA Binding,Nuclear Receptor Signaling,Nuclear hormone receptors,Signal Transduction,THRAP3
Molecular Weight:	108 kDa
Gene ID:	9967
UniProt:	Q9Y2W1
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	WB,1:500 - 1:1000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

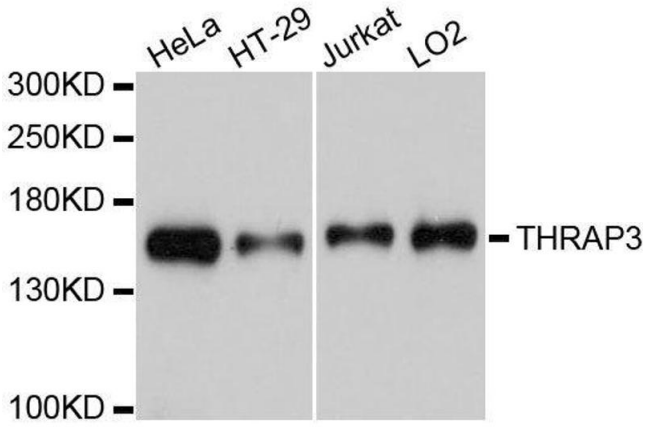
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C

Handling

Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using THRAP3 antibody.