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anti-PIAS4 antibody (N-Term)



Image



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Background:

Quantity:	400 μL
Target:	PIAS4
Binding Specificity:	AA 44-73, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This PIAS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
Immunogen:	This PIAS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-73 amino acids from the N-terminal region of human PIAS4.
Immunogen: Clone:	
	peptide between 44-73 amino acids from the N-terminal region of human PIAS4.
Clone:	peptide between 44-73 amino acids from the N-terminal region of human PIAS4. RB33956
Clone:	peptide between 44-73 amino acids from the N-terminal region of human PIAS4. RB33956 Ig Fraction
Clone: Isotype: Purification:	peptide between 44-73 amino acids from the N-terminal region of human PIAS4. RB33956 Ig Fraction

PIAS4 functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the

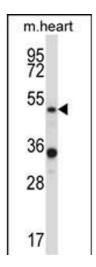
interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway,

Target Details

	the p53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Promotes PARK7 sumoylation. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations.
Molecular Weight:	56504
Gene ID:	51588
NCBI Accession:	NP_056981
UniProt:	Q8N2W9
Pathways:	JAK-STAT Signaling, Interferon-gamma Pathway, Positive Regulation of Response to DNA Damage Stimulus

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.	



Western Blotting

Image 1. PIAS4 Antibody (N-term) (ABIN657934 and ABIN2846878) western blot analysis in mouse heart tissue lysates (35 μ g/lane). This demonstrates the PIAS4 antibody detected the PIAS4 protein (arrow).