antibodies -online.com







Image



Go to Product pag

Overview

Quantity:	100 μL
Target:	ARIH1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARIH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ARIH1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 400 to the C-terminus of human ARIH1 (NP_005735.2).
Sequence:	ARDAQERSRA ALQRYLFYCN RYMNHMQSLR FEHKLYAQVK QKMEEMQQHN MSWIEVQFLK KAVDVLCQCR ATLMYTYVFA FYLKKNNQSI IFENNQADLE NATEVLSGYL ERDISQDSLQ DIKQKVQDKY RYCESRRRVL LQHVHEGYEK DLWEYIED
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

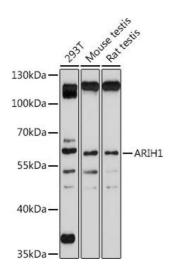
Target:	ARIH1	
Alternative Name:	ARIH1 (ARIH1 Products)	
Background:	E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3. Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-RING ubiquitin ligase (CRL complexes and initiating ubiquitination of CRL substrates: associates with CRL complexes and specifically mediates addition of the first ubiquitin on CRLs targets. The initial ubiquitin is then elongated by CDC34/UBE2R1 and UBE2R2. E3 ubiquitin-protein ligase activity is activated upon binding to neddylated cullin-RING ubiquitin ligase complexes. Plays a role in protein translation in response to DNA damage by mediating ubiquitination of EIF4E2, the consequences of EIF4E2 ubiquitination are however unclear. According to a report, EIF4E2 ubiquitination leads to promote EIF4E2 cap-binding and protein translation arrest. According to another report EIF4E2 ubiquitination leads to its subsequent degradation. Acts as the ligase involved in ISGylation of EIF4E2. In vitro, controls the degradation of the LINC (LInker of Nucleoskeleton and Cytoskeleton complex member SUN2 and may therefore have a role in the formation and localization of the LINC complex, and as a consequence, nuclear subcellular localization and nuclear morphology.,ARIH1,ARI,HARI,HHARI,UBCH7BP,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Ubiquitin,Endocrine & Metabolism,Amino acid metabolism,ARIH1	
Gene ID:	25820	
UniProt:	Q9Y4X5	
Application Details		
Application Notes:	WB,1:500 - 1:2000	
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.	

Handling

Storage:	-20 °C

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 antibody (ABIN7265672) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.