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# anti-ARL6 antibody (N-Term)

**Images** 



**Publications** 



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Quantity:	400 μL		
Target:	ARL6		
Binding Specificity:	AA 1-30, N-Term		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This ARL6 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This ARL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 1-30 amino acids from the N-terminal region of human ARL6.		
Clone:	RB4921		
Isotype:	lg Fraction		
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by		
	dialysis against PBS.		
Target Details			
Target:	ARL6		
Alternative Name:	ARL6 (ARL6 Products)		

#### Target Details

Target Details		
Background:	ARL6 belongs to the ARF family of GTP-binding proteins. ARF proteins are important regulators of cellular traffic and are the founding members of an expanding family of homologous proteins and genomic sequences. They depart from other small GTP-binding proteins by a unique structural device that implements front-back communication from the N-terminus to the nucleotide-binding site. Studies of the mouse ortholog of this protein suggest an involvement in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been described.	
Molecular Weight:	21097	
NCBI Accession:	NP_001265222, NP_115522, NP_816931	
UniProt:	Q9H0F7	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100	
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	
Expiry Date:	6 months	

## **Publications**

Product cited in:

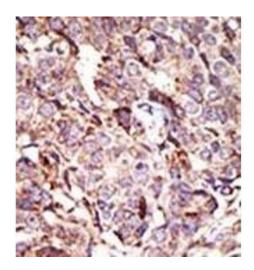
Carrascal, Ovelleiro, Casas, Gay, Abian: "Phosphorylation analysis of primary human T lymphocytes using sequential IMAC and titanium oxide enrichment." in: **Journal of proteome research**, Vol. 7, Issue 12, pp. 5167-76, (2009) (PubMed).

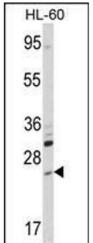
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proteins associated with mammalian 26S proteasome." in: **Molecular biology of the cell**, Vol. 19, Issue 3, pp. 1072-82, (2008) (PubMed).

Reuter, Medhurst, Waisfisz, Zhi, Herterich, Hoehn, Gross, Joenje, Hoatlin, Mathew, Huber: "Yeast two-hybrid screens imply involvement of Fanconi anemia proteins in transcription regulation, cell signaling, oxidative metabolism, and cellular transport." in: **Experimental cell research**, Vol. 289, Issue 2, pp. 211-21, (2003) (PubMed).

#### **Images**





### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** Western blot analysis of hARL6-M1 (ABIN1882064 and ABIN2839232) in HL-60 cell line lysates (35  $\mu$ g/lane). ARL6 (arrow) was detected using the purified Pab.