antibodies - online.com







anti-EIF4A1 antibody (N-Term)

Images



\sim	
()\/\	rview
\circ	

Overview	
Quantity:	400 μL
Target:	EIF4A1
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This EIF4A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 1-30 amino acids from the N-terminal region of human EIF4A1.
Clone:	RB14513
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	EIF4A1

Target Details

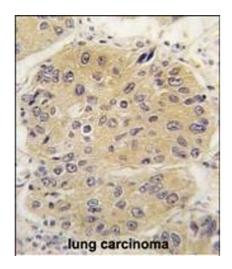
Alternative Name:	EIF4A1 (EIF4A1 Products)
Background:	EIF4A1 is an ATP-dependent RNA helicase which is a subunit of the eIF4F complex involved in
	cap recognition and is required for mRNA binding to ribosome. In the current model of
	translation initiation, eIF4A unwinds RNA secondary structures in the 5'-UTR of mRNAs which is
	necessary to allow efficient binding of the small ribosomal subunit, and subsequent scanning
	for the initiator codon.
Molecular Weight:	46154
Gene ID:	1973
NCBI Accession:	NP_001191439, NP_001407
UniProt:	P60842

Application Details

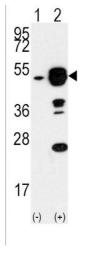
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



130 72 55 36 28



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with EIF4A1 antibody (Nterm) (ABIN391393 and ABIN2841397), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-EIF4A1 Pab (ABIN391393 and ABIN2841397) in K562 cell line lysates (35 μ g/lane). EIF4A1(arrow) was detected using the purified Pab.

Western Blotting

Image 3. Western blot analysis of EIF4A1 (arrow) using rabbit polyclonal EIF4A1 Antibody (N-term) (ABIN391393 and ABIN2841397). 293 cell lysates ($2\,\mu g$ /lane) either nontransfected (Lane 1) or transiently transfected with the EIF4A1 gene (Lane 2) (Origene Technologies).