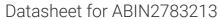
antibodies .- online.com





anti-EIF4A1 antibody (Middle Region)

2 Images



EIF4A1

Publication



Go to Product page

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Target:

Quantity:	100 μL
Target:	EIF4A1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Dog, Saccharomyces cerevisiae, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4A1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EIF4A1
Sequence:	TMPSDVLEVT KKFMRDPIRI LVKKEELTLE GIRQFYINVE REEWKLDTLC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Yeast: 92%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EIF4A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Afficia Double d
	Affinity Purified

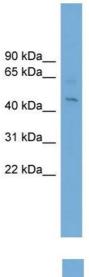
Target Details

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. Alias Symbols: DDX2A, EIF-4A, EIF4A, eIF4A-I, eIF-4A-I Protein Interaction Partner: HUWE1, UBC, FUS, SUMO2, SUMO3, STAU1, MDM2, SH3RF2, TRAP1, FBXO6, ADRB2, CD81, NPM1, VCAM1, ITGA4, FN1, ESR1, LIG4, RPLP0P6, TMEM43, NDUFB11, ZBTB43, GPRC5A, EIF4G3, EIF4H, VDAC3, UQCRFS1, SDHA, RPS26, RPL19, RPL8, RPSA, ILF2, HSP90AB1, HSPA5, EIF4G2, EIF	
Molecular Weight:	46 kDa	
Gene ID:	1973	
NCBI Accession:	NM_001416, NP_001407	
UniProt:	P60842	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 406 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
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

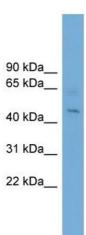
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor,
	Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha,
	Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass
	spectrometry" in: Molecular systems biology, Vol. 3, pp. 89, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-EIF4A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721_B cell lysate EIF4A1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Western Blotting

Image 2. WB Suggested Anti-EIF4A1

Antibody Titration: 0.2-1 μg/mL ELISA Titer: 1:12500

Positive Control:.21_B cell lysate

EIF4A1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells