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anti-EIF6 antibody (N-Term)

2 Images



Overview

Overview	
Quantity:	100 μL
Target:	EIF6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Sheep, Dog, Guinea Pig, Horse, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF6 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Sequence:	AVRASFENNC EIGCFAKLTN TYCLVAIGGS ENFYSVFEGE LSDTIPVVHA
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 86%, Yeast: 85%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against EIF6. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EIF6
Alternative Name:	EIF6 (EIF6 Products)

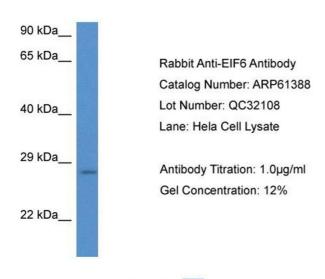
Target Details

Background:	Hemidesmosomes are structures which link the basal lamina to the intermediate filament
	cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4
	subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by
	this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the
	intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in
	the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the
	association of the 40S and 60S ribosomal subunits.
	Alias Symbols: 2, CAB, EIF3A, ITGB4BP, b, b(2)gcn, gcn, p27BBP, eIF-6, p27(BBP)
	Protein Interaction Partner: ZNF622, BCCIP, PPAN, NMD3, GLTSCR2, GTPBP4, POP1, TOP2B,
	TOP2A, RNF2, CNBP, RARS, PPP5C, PEPD, PAFAH1B2, HSPA9, HSPA1A, HPRT1, EIF4E, DFFA,
	CFL1, CAPN1, ASNA1, GINS3, BZW2, ABHD14A, TNFAIP8, XRN2, HDAC9, ZBTB26, VCAM1,
	UBC, ECT2, HNRNPU, FBL, DHX9, APP, R
	Protein Size: 245
Molecular Weight:	27 kDa
Gene ID:	3692
NCBI Accession:	NM_002212, NP_002203
UniProt:	P56537
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 245 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

Handling

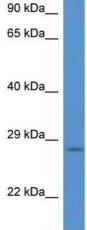
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.



Western Blotting

Image 2. WB Suggested Anti-EIF6 AntibodyTitration: 1.0 $\mu g/mL$

Positive Control: Hela Whole Cell

EIF6 is supported by BioGPS gene expression data to be expressed in HeLa