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Datasheet for ABIN2787642 anti-TLK1 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 µL
Target:	TLK1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Horse, Cow, Pig, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TLK1
Sequence:	ESETPEKKQS ESSRGRKRKA ENQNESSQGK SIGGRGHKIS DYFEYQGGNG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against TLK1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	TLK1

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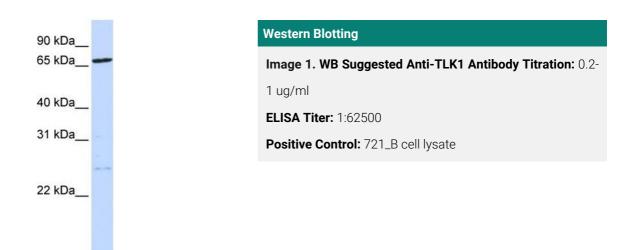
Target Details	
Alternative Name:	TLK1 (TLK1 Products)
Background:	The Tousled-like kinases, first described in Arabadopsis, are nuclear serine/threonine kinases
	that are potentially involved in the regulation of chromatin assembly. The Tousled-like kinases,
	first described in Arabadopsis, are nuclear serine/threonine kinases that are potentially involved
	in the regulation of chromatin assembly.[supplied by OMIM]. Publication Note: This RefSeq
	record includes a subset of the publications that are available for this gene. Please see the
	Entrez Gene record to access additional publications.
	Alias Symbols: KIAA0137, PKU-BETA, PKU-beta
	Protein Interaction Partner: LUZP4, TLK1, TPM3, UBC, ASF1A, UBE3C, INPP1, XPO7, NBN, MBP,
	CHEK1, ELAVL1, Dynll1, AURKA, YWHAE, ASF1B, TLK2, SNAP23, HIST1H1A,
	Protein Size: 766
Molecular Weight:	84 kDa
Gene ID:	9874
NCBI Accession:	NM_012290, NP_036422
UniProt:	Q9UKI8
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 766 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific

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 Advice:	Avoid repeated freeze-thaw cycles.

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Handling	
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.
Publications	
Product cited in:	Zhang, Yao, Yu, Ni, Zhang, Wang, Lai: "Effects of 1.8 GHz radiofrequency radiation on protein expression in human lens epithelial cells." in: Human & experimental toxicology , Vol. 32, Issue 8, pp. 797-806, (2013) (PubMed).

Validation report #103662 for Western Blotting (WB)



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