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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:	<p>The Tousled-like kinases, first described in Arabidopsis, are nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly. The Tousled-like kinases, first described in Arabidopsis, 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.</p> <p>Alias Symbols: KIAA0137, PKU-BETA, PKU-beta</p> <p>Protein Interaction Partner: LUZP4, TLK1, TPM3, UBC, ASF1A, UBE3C, INPP1, XPO7, NBN, MBP, CHEK1, ELAVL1, Dynl1, AURKA, YWHAE, ASF1B, TLK2, SNAP23, HIST1H1A,</p> <p>Protein Size: 766</p>
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
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.

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)



Western Blotting

Image 1. WB Suggested Anti-TLK1 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate