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Datasheet for ABIN701155 anti-TLK1 antibody (AA 458-560)



Overview



Quantity:	100 μL
Target:	TLK1
Binding Specificity:	AA 458-560
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)),
	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-
	embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TLK1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target Details

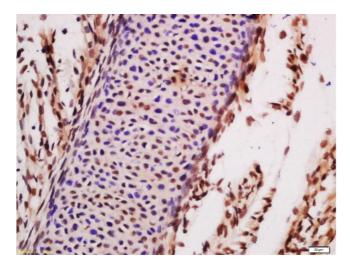
Alternative Name:	TLK1 (TLK1 Products)
Background:	Synonyms: PKU beta, serine threonine protein kinase, Serine/threonine protein kinase tousled
	like 1, TLK1, Tousled like kinase 1.
	Background: TLK1 is a nuclear serine/threonine kinases that are potentially involved in the
	regulation of chromatin assembly. TLK1 is rapidly and transiently inhibited by phosphorylation
	following the generation of DNA double-stranded breaks during S-phase. This is cell cycle
	checkpoint and ATM-pathway dependent and appears to regulate processes involved in
	chromatin assembly. Isoform 3 phosphorylates and enhances the stability of the t-SNARE
	SNAP23, augmenting its assembly with syntaxin.
Gene ID:	9874

Application Details

Restrictions:	For Research Use only
	IF(ICC) 1:50-200
	IF(IHC-F) 1:50-200
	IF(IHC-P) 1:50-200
	IHC-F 1:100-500
	IHC-P 1:200-400
	ELISA 1:500-1000
Application Notes:	WB 1:300-5000

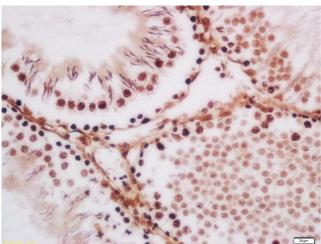
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded mouse embryo Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with TLK1 Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded rat testis Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with TLK1 Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, DAB staining.