

Immunotag™ TLK1 Antibody

Antibody Specification	
Catalog No.	ITA5670
Product Description	Immunotag™ TLK1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TLK1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500~1:1000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	TLK1 Antibody detects endogenous levels of total TLK1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TLK1
Accession No.	Q9UKI8
Alternate Names	PKU beta; PKU-beta; serine threonine protein kinase; Serine/threonine protein kinase tousled like 1; Serine/threonine-protein kinase tousled-like 1; SNARE protein kinase SNAK; Tik1; TLK1_HUMAN; Tousled like kinase 1; Tousled-like kinase 1;

Antibody Specification

Description	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. Isoform 3 protects the cells from the ionizing radiation by facilitating the repair of DSBs. In vitro, phosphorylates histone H3 at 'Ser-10'.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	87 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.