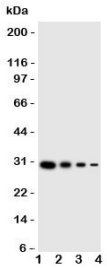
LTK Antibody (R31096)

Catalog No.	Formulation	Size
R31096	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P29376
Applications	Western blot: 0.5-1ug/ml
Limitations	This LTK antibody is available for research use only.



Western blot testing of LTK antibody and human recombinant protein; Lane 1: 10ng; 2: 5ng; 3: 2.5ng; 4: 1.25ng

Description

Leukocyte tyrosine kinase, also known as TYK1, is an enzyme that in humans is encoded by the LTK gene. The protein encoded by this gene is a member of the ALK/LTK receptor family of receptor tyrosine kinases (RTKs) whose ligand is unknown. Toyoshima et al.(1993) cloned a set of cDNAs representing differently spliced human LTK mRNAs. Liao et al.(1996) found that the mouse Ltk gene is closely linked to the Tyro3 gene which maps to mouse chromosome 2. Thus, the gene produces not only the putative receptor tyrosine kinase for an unknown ligand but also multiple protein products that may have different functions.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the LTK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Leukocyte tyrosine kinase (RGLQPQNLWNPTYRS) was used as the immunogen for this LTK antibody.

Storage

After reconstitution, the LTK antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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