

NBP1-77982**TLK1 Antibody****Unit Size**

0.1 mg

Concentration

0.6 mg/ml

Storage

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Applications

WB, ELISA

Species

Human, Canine, Primate

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified

Preservative

0.01% Sodium Azide

Specificity/Sensitivity

This antibody reacts with both phosphorylated and non-phosphorylated forms of Tlk-1 at the S743 residue (isoform 1) of the protein. The antibody will react with all isoforms of Tlk-1. A BLAST analysis was used to suggest reactivity with this protein from human, chimpanzee, orangutan, and dog sources based on 100% homology for the immunogen sequence. Cross reactivity with Tlk-1 protein from mouse, rat and chicken may occur as this sequence only varies by one amino acid residue (93% homology). Cross reactivity with Tlk-1 homologues from other sources has not been determined.

Immunogen

This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 737-751 of human Tlk1 (Tousled-like kinase) (isoform 1) protein.

Recommended Dilutions

ELISA 1:10000 - 1:50000, Western Blot 1:200 - 1:2000

Buffer

0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None

Uses

This affinity purified antibody has been tested for use in ELISA and by western blot. Expect a band approximately 86 kDa, 89 kDa or 64 kDa in size corresponding - isoforms of TLK-1 by western blotting in the appropriate cell lysate or extract. This antibody reacts with both phosphorylated and non-phosphorylated forms of Tlk-1 at the S743 residue of the protein.

Images

Western Blot: TLK1 Antibody [NBP1-77982] - Shows detection of a band ~64 kDa corresponding to isoform 3 of human Tlk-1 (arrowhead). Specific reactivity with this band is blocked when the antibody is pre-incubated with the immunizing peptide ... See more at www.novusbio.com/NBP1-77982



Updated 3/9/2013 2.0

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit www.novusbio.com/guarantee.**

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