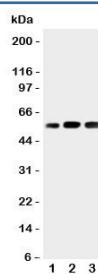


KIN17 Antibody (R31362)

Catalog No.	Formulation	Size
R31362	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	O60870
Applications	Western Blot : 0.5-1ug/ml
Limitations	This KIN17 antibody is available for research use only.



Western blot testing of KIN17 antibody and Lane 1: rat skeletal muscle; 2: human placenta; 3: rat testis tissue lysate. Predicted molecular weight ~45kDa.

Description

DNA/RNA-binding protein KIN17, also known as BTCD, is a protein that in humans is encoded by the KIN gene. This gene is mapped to 10p14. The protein encoded by this gene is a nuclear protein that forms intranuclear foci during proliferation and is redistributed in the nucleoplasm during the cell cycle. Short-wave ultraviolet light provokes the relocalization of the protein, suggesting its participation in the cellular response to DNA damage. Originally selected based on protein-binding with RecA antibodies, the mouse protein presents a limited similarity with a functional domain of the bacterial RecA protein, a characteristic shared by this human ortholog. Alternative splicing of this gene results in multiple transcript variants.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the KIN17 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human KIN (ESHQRQLLASENPQQF) was used as the immunogen for this KIN17 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the KIN17 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.