Datasheet for ABIN3031547

anti-KIN antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	KIN
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human KIN (ESHQRQLLLASENPQQF) was used as the immunogen for this KIN17 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	KIN
Alternative Name:	KIN17 (KIN Products)
Background:	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

Target Details

	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.
UniProt:	O60870

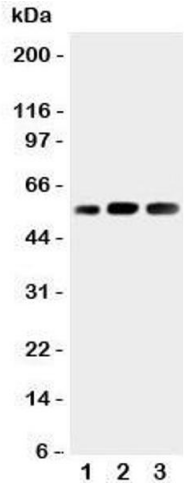
Application Details

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.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

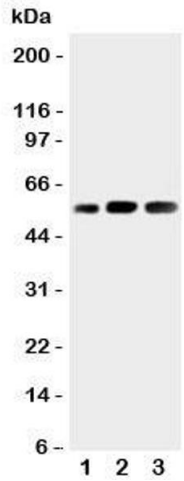
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the KIN17 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of KIN17 antibody and Lane 1: rat skeletal muscle; 2: human placenta; 3: rat testis tissue lysate



Western Blotting

Image 2. Western blot testing of KIN17 antibody and Lane 1: rat skeletal muscle