antibodies - online.com







anti-KIN antibody (N-Term)



Image



()	1/0	r\ /1	014	
()	ve	I V I	-v	V

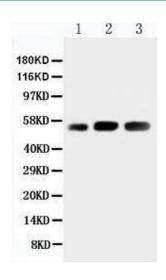
Quantity:	100 μg
Target:	KIN
Binding Specificity:	AA 48-64, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Purpose:	Rabbit IgG polyclonal antibody for DNA/RNA-binding protein KIN17(KIN) detection. Tested with WB in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human KIN(48-64aa ESHQRQLLLASENPQQF), identical to the related mouse and rat sequences.
Sequence:	ESHQRQLLLA SENPQQF
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.
Characteristics:	Rabbit IgG polyclonal antibody for DNA/RNA-binding protein KIN17(KIN) detection. Tested with WB in Human, Mouse, Rat.

Product Details		
	Gene Name: KIN, antigenic determinant of recA protein homolog(mouse)	
	Protein Name: DNA/RNA-binding protein KIN17	
Purification:	Immunogen affinity purified.	
Target Details		
Target:	KIN	
Alternative Name:	KIN (KIN Products)	
Background:	DNA/RNA-binding protein KIN17, also known as BTCD or KIN17 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. Synonyms: BTCD antibody KIN17 antibody Binding to curved DNA antibody antigenic determinant of recA protein(mouse) homolog antibody KIN, antigenic determinant of recA protein homolog antibody ANTIGENIC DETERMINANT OF RECA, MOUSE, HOMOLOG OF antibody	
UniProt:	060870	
Application Details		
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.	
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	

Handling

Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μg/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.	
Preservative:	Thimerosal (Merthiolate), Sodium azide	
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	
Expiry Date:	12 months	

Images



Western Blotting

Image 1. Anti-KIN antibody, Western blotting Lane 1: Rat Skeletal Muscle Tissue Lysate Lane 2: Human Placenta Tissue Lysate Lane 3: Rat Testis Tissue Lysate