

anti-Human, Mouse KIN Polyclonal Antibody | anti-KIN antibody

Anti-KIN Antibody

CATALOG # AAA46408	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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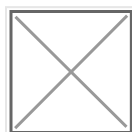
PRODUCT SYNONYMS

KIN; Polyclonal Antibody; Anti-KIN Antibody; DNA/RNA-binding protein KIN17; antigenic determinant of recA protein homolog; Binding to curved DNA; BTCD; HsKin17 protein; KIN antigenic determinant of recA protein homolog mouse; KIN17; Kin17 protein; KIN17_HUMAN; antigenic determinant of recA protein homolog (mouse); anti-KIN antibody

PRODUCT SPECIFICATIONS

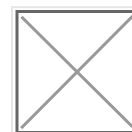
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	393
Applicable Applications for anti-KIN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human KIN recombinant protein (Position: K3-K202). Human KIN shares 98% amino acid (aa) sequence identity with mouse KIN.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- KIN Picoband antibody, AAA46408, IHC(P)IHC(P): Human Oesophagus Squama Cancer Tissue



WB (Western Blot)

Anti- KIN Picoband antibody, AAA46408, Western blottingAll lanes: Anti KIN (AAA46408) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: 22RV1 Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugLane 5: U20S Whole Cell Lysate at 40ugLane 6: NIH3T3 Whole Cell Lysate at 40ugPredicted bind size: 45KDObserved bind size: 45KD

ADDITIONAL INFORMATION

Related Product Information for anti-KIN antibody	Description: Rabbit IgG polyclonal antibody for DNA/RNA-binding protein KIN17(KIN) detection. Tested with WB, IHC-P in Human;Mouse. 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.
References	1. Kannouche, P., Mauffrey, P., Pinon-Lataillade, G., Mattei, M. G., Sarasin, A., Daya-Grosjean, L., Angulo, J. F. Molecular cloning and characterization of the human KIN17 cDNA encoding a component of the UVC response that is conserved among metazoans. Carcinogenesis 21: 1701-1710, 2000. 2. Timchenko, T., Bailone, A., Devoret, R. Btcd, a mouse protein that binds to curved DNA, can substitute in Escherichia coli for H-NS, a bacterial nucleoid protein. EMBO J. 15: 3986-3992, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124883
NCBI GeneID	22944
NCBI Accession #	NP_036443.1
NCBI GenBank Nucleotide #	NM_012311.3
UniProt Accession #	O60870; B4DX32
Molecular Weight	43,261 Da
NCBI Official Full Name	DNA/RNA-binding protein KIN17
NCBI Official Synonym Full Names	Kin17 DNA and RNA binding protein
NCBI Official Symbol	KIN
NCBI Official Synonym Symbols	BTCD; Rts2; KIN17
NCBI Protein Information	DNA/RNA-binding protein KIN17
UniProt Protein Name	DNA/RNA-binding protein KIN17
UniProt Gene Name	KIN
UniProt Entry Name	KIN17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.