

Rabbit KIN Polyclonal Antibody | anti-KIN antibody

KIN antibody - middle region

CATALOG # AAA197212	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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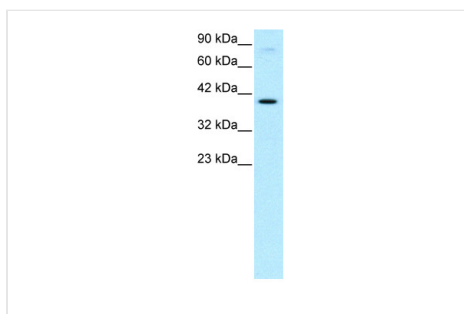
PRODUCT SYNONYMS

KIN; Polyclonal Antibody; KIN antibody - middle region; anti-KIN antibody

PRODUCT SPECIFICATIONS

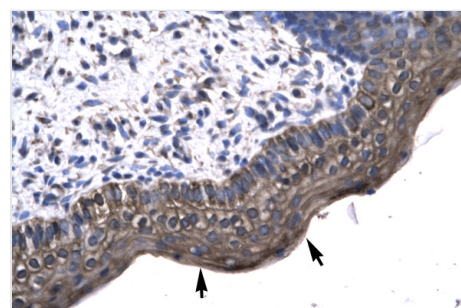
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LK TIGSSASVKR KESSQSSTQS KEKKKKKSAL DEIMEIEEEK KRTARTDY
Sequence Length	393
Applicable Applications for anti-KIN antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 85%; Dog: 85%; Guinea Pig: 85%; Horse: 100%; Human: 100%; Rabbit: 85%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KIN
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



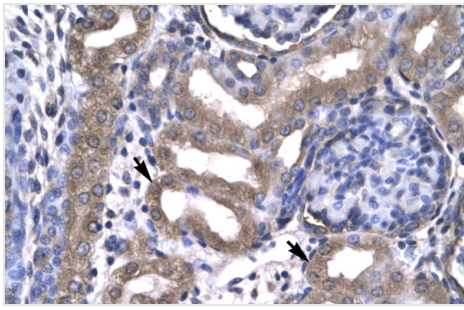
WB (Western Blot)

WB Suggested Anti-KIN Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:2500
Positive Control: HepG2 cell lysate
KIN is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Human Spermatophore



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-KIN antibody	This is a rabbit polyclonal antibody against KIN. It was validated on Western Blot and immunohistochemistry Target Description: Kin 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 the human ortholog.
Product Categories/Family for anti-KIN antibody	Polyclonal; Transcription Factor; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124883
NCBI GeneID	22944
NCBI Accession #	NP_036443
NCBI GenBank Nucleotide #	NM_012311
UniProt Accession #	O60870
Molecular Weight	45kDa
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.