
Summary

Production Name	IK Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	IK
Alternative Names	IK; RED; RER; Protein Red; Cytokine IK; IK factor; Protein RER
Gene ID	3550.0
SwissProt ID	Q13123.The antiserum was produced against synthesized peptide derived from human RED. AA range:508-557

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000..
Molecular Weight	66kD

Background

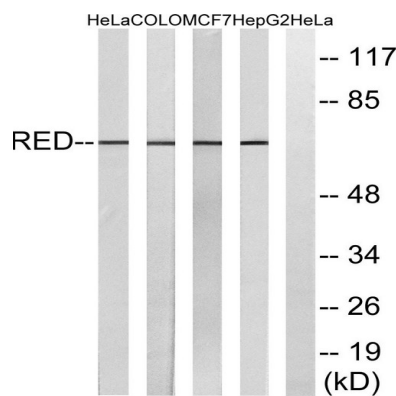
Product Name: IK Rabbit Polyclonal Antibody
Catalog #: APRab12460



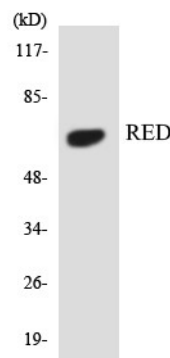
The protein encoded by this gene was identified by its RED repeat, a stretch of repeated arginine, glutamic acid and aspartic acid residues. The protein localizes to discrete dots within the nucleus, excluding the nucleolus. Its function is unknown. This gene maps to chromosome 5; however, a pseudogene may exist on chromosome 2. [provided by RefSeq, Jul 2008],caution:Was originally (PubMed:7970704) thought to be the IK factor, a cytokine involved in the negative regulatory pathway of constitutive MHC class II antigens expression.,developmental stage:Expressed at similar levels in fetal and adult tissues.,function:Not known. May bind to chromatin.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RED family.,tissue specificity:Ubiquitous.,

Research Area

Image Data

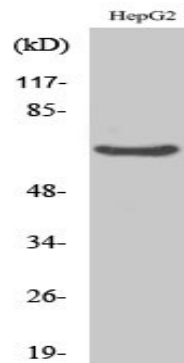


Western blot analysis of lysates from HepG2, MCF-7, COLO, and HeLa cells, using RED Antibody. The lane on the right is blocked with the synthesized peptide.

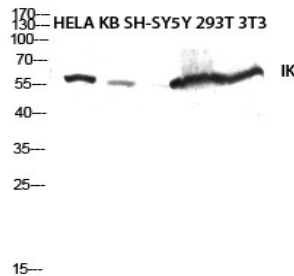


Western blot analysis of the lysates from 293 cells using RED antibody.

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Western Blot analysis of various cells using IK Polyclonal Antibody diluted at 1: 2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western blot analysis of HELA KB SH-SY5Y 293T 3T3 lysis using IK antibody. Antibody was diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Note

For research use only.