

# Ik Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13293

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9Z1M8</a>
<b>Other Accession</b>	<a href="#">NM_011879</a> , <a href="#">NP_036009</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	65616

## Additional Information

<b>Gene ID</b>	24010
<b>Alias Symbol</b>	MuRED
<b>Other Names</b>	Protein Red, Cytokine IK, IK factor, Protein RER, Ik, Red, Rer
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Ik antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Ik Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	Ik
<b>Synonyms</b>	Red, Rer
<b>Function</b>	Involved in pre-mRNA splicing as a component of the spliceosome. Auxiliary spliceosomal protein that regulates selection of alternative splice sites in a small set of target pre-mRNA species. Required for normal mitotic cell cycle progression. Recruits MAD1L1 and MAD2L1 to kinetochores, and is required to trigger the spindle assembly checkpoint. Required for normal accumulation of SMU1.
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:Q13123}. Nucleus, nucleoplasm {ECO:0000250 UniProtKB:Q13123}. Chromosome

{ECO:0000250|UniProtKB:Q13123}. Cytoplasm, cytoskeleton, spindle pole  
{ECO:0000250|UniProtKB:Q13123}. Note=Predominantly present throughout  
the nucleoplasm during prometaphase, metaphase and anaphase. Is also  
detected in nuclear foci that are not identical with Cajal bodies Starts to  
accumulate at chromosomes during telophase, and is nearly exclusively  
associated with chromosomes in newly divided cells Colocalizes with MAD1L1  
at mitotic spindle poles during metaphase and anaphase.  
{ECO:0000250|UniProtKB:Q13123}

**Tissue Location** Ubiquitous.

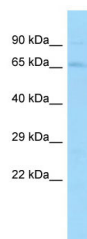
## References

---

Assier E.,et al.Gene 230:145-154(1999).  
Trinidad J.C.,et al.Mol. Cell. Proteomics 5:914-922(2006).  
Park J.,et al.Mol. Cell 50:919-930(2013).

## Images

---



Host: Rabbit  
Target Name: Ik  
Sample Tissue: Mouse Testis lysates  
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.