

CIKS Antibody

Catalog No: #24154

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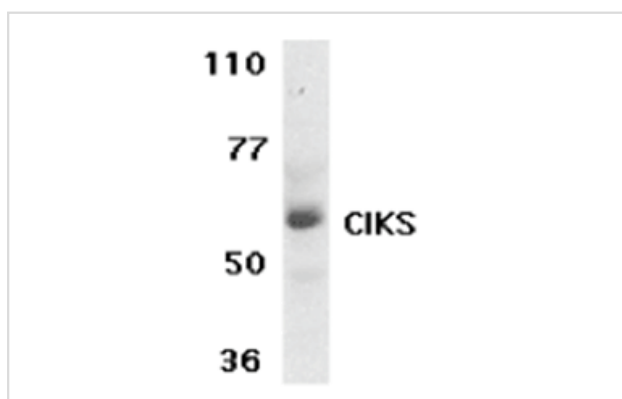
Description

Product Name	CIKS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 554 to 568 of human CIKS.
Target Name	CIKS
Other Names	Act1
Accession No.	AF274303
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

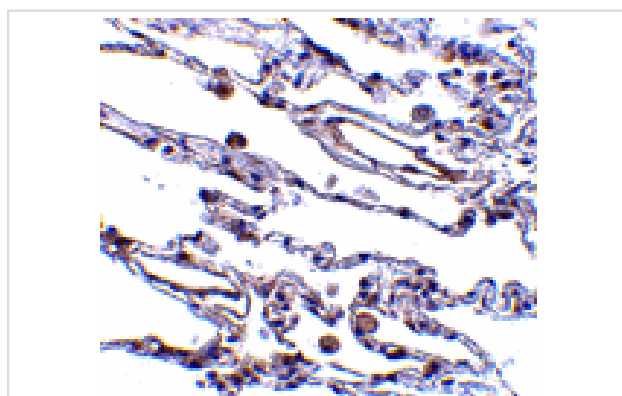
Application Details

Predicted MW: 63 kd

Images



Western blot analysis of CIKS expression in human placenta tissue lysate with CIKS antibody at 1 ug/ml.



Immunohistochemistry of CIKS in human lung tissue with CIKS antibody at 5 ug/mL.

Background

Nuclear factor kappa B (NF- κ B) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF- κ B mediates the expression of a great variety of genes in response to extracellular stimuli. NF- κ B associates with I κ B proteins in the cell cytoplasm, which inhibit NF- κ B activity. I κ B is phosphorylated by I κ B kinase (IKK) complex that contains IKK α , IKK β , and IKK γ . A novel molecule that associates with and activates IKK was recently identified and designated CIKS (for connection to IKK and SAPK/JNK) and Act1 (for NF- κ B activator 1). CIKS directly interacts with IKK γ . CIKS/Act1 also activates activating transcription factor (ATF) and activator protein 1 (AP-1) through Jun kinase (JNK). These results indicate that CIKS/Act1 is involved in the inflammation and stress responses. CIKS/Act1 is ubiquitously expressed in human tissues.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.