

## bs-7600R

### • Rabbit Anti-IKIP Polyclonal Antibody

#### Primary Antibodies

#### Background:

IKIP (I kappa B kinase interacting protein) is located on chromosome 12 in close proximity to APAF1 (apoptotic protease-activating factor-1). IKIP was originally cloned from a yeast two hybrid screening as an IKK2 interacting protein. IKIP and APAF1 share a common 488 bp promoter from which the two genes are transcribed in opposite directions, presumably in a co-regulated manner. Three IKIP transcripts are generated by differential splicing and alternative exon usage and show no significant homology to other genes. IKIP is expressed predominantly in the lung, kidney, spleen, thymus and skeletal muscle. Like APAF1, expression of IKIP is enhanced by irradiation, in a p53-dependent manner. When transfected into endothelial cells IKIP promotes apoptosis suggesting that it plays a role in the cell death process as well as NF-kB regulation.

#### Source/Purification:

KLH conjugated synthetic peptide derived from human IKIP (265-300aa). Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and less than 0.09% sodium azide. Store at -20°C for 12 months. [Product without BSA and/or sodium azide is available for special order.]

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul

**Concentration:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Bovine, Sheep,

#### Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IHC-P(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 39kDa

#### Note:

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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