

Product datasheet for **TA336679**

IKAP (IKBKAP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500 -1:1000
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Amino acid residues 148-161 IHQDDFGESKFITV of human IKAP. Cross reactivity: sequence 92% identical to rat and 85% identical to mouse.
Formulation:	PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	158 kDa
Gene Name:	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein
Database Link:	NP_003631 Entrez Gene 8518 Human O95163



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Background:

The transcription factor NF-kappa B coordinates the activation of numerous genes in response to pathogens and pro-inflammatory cytokines, and is, therefore, vital in the development of acute and chronic inflammatory diseases. NF-kappa B is activated by cytokine-activated IKB kinases (IKKs); IKK-alpha and IKK-beta isozymes are found in large complexes. These large, interleukin-1-inducible IKK complexes have been found to contain a new protein, termed IKK-complex-associated protein (IKAP), which can bind NIK and IKKs and assemble them into an active kinase complex. IKAP is a scaffold protein and a regulator for 3 different kinases involved in pro-inflammatory cytokine signaling.

Synonyms:

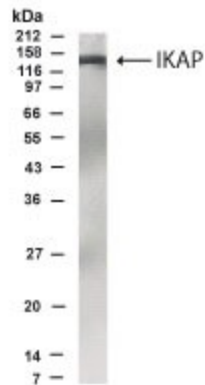
DYS; ELP1; FD; IKAP; IKI3; TOT1

Note:

However, the investigator should determine the optimal dilution for a specific application such as immunohistochemistry.

Protein Families:

Druggable Genome

Product images:

Western Blot: IKBKAP Antibody TA336679 - Analysis of IKBKAP in Interleukin-1-stimulated 293 cells using this antibody at 1:500 dilution.