

## NBK Polyclonal Antibody

<b>Catalog No :</b>	YT2983
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	NBK
<b>Fields :</b>	>>Endocrine resistance
<b>Gene Name :</b>	BIK
<b>Protein Name :</b>	Bcl-2-interacting killer
<b>Human Gene Id :</b>	638
<b>Human Swiss Prot No :</b>	Q13323
<b>Mouse Swiss Prot No :</b>	O70337
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human BIK. AA range:18-67
<b>Specificity :</b>	NBK Polyclonal Antibody detects endogenous levels of NBK protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 30 25kD

**Background :** The protein encoded by this gene shares a critical BH3 domain with other death-promoting proteins, such as BID, BAK, BAD and BAX, that is required for its pro-apoptotic activity, and for interaction with anti-apoptotic members of the BCL2 family, and viral survival-promoting proteins. Since the activity of this protein is suppressed in the presence of survival-promoting proteins, it is suggested as a likely target for anti-apoptotic proteins. [provided by RefSeq, Sep 2011],

**Function :** domain: Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family., function: Accelerates programmed cell death. Binding to the apoptosis repressors Bcl-X(L), BHRF1, Bcl-2 or its adenovirus homolog E1B 19k protein suppresses this death-promoting activity. Does not interact with BAX., subcellular location: Around the nuclear envelope, and in cytoplasmic membranes.,

**Subcellular Location :** Endomembrane system; Single-pass membrane protein. Mitochondrion membrane ; Single-pass membrane protein . Around the nuclear envelope, and in cytoplasmic membranes.

**Expression :** B-cell, Lymph, Lymphoid,

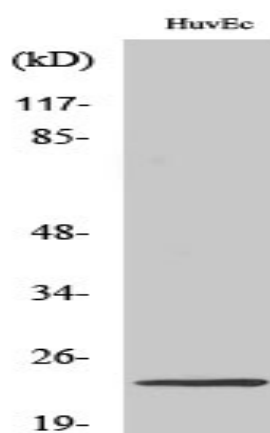
**Sort :** 10585

**No4 :** 1

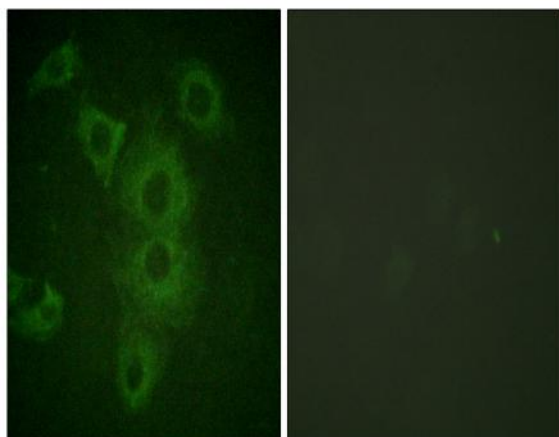
**Host :** Rabbit

**Modifications :** Unmodified

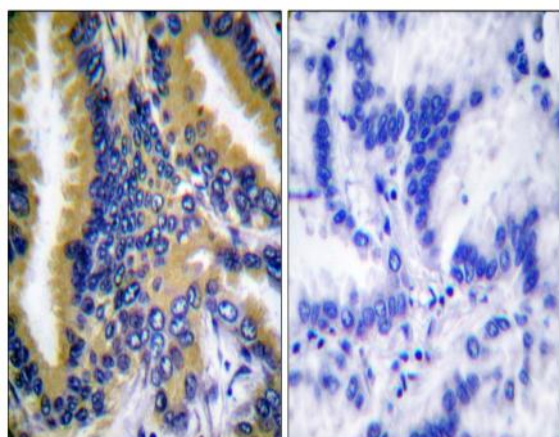
## Products Images



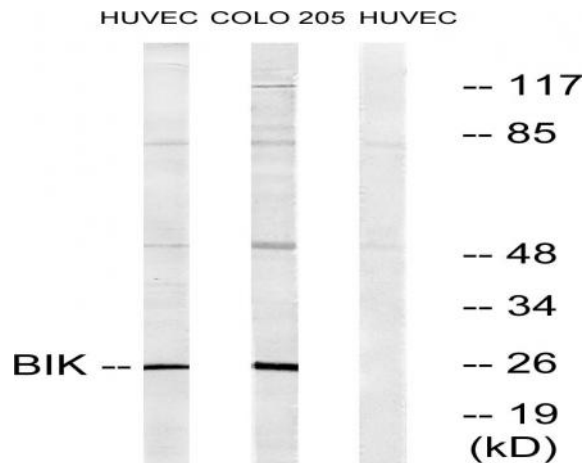
Western Blot analysis of various cells using NBK Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HUVEC cells, using BIK Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using BIK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC/COLO205, using BIK Antibody. The lane on the right is blocked with the synthesized peptide.