Anti-Phospho-IKK alpha (Ser180) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108724

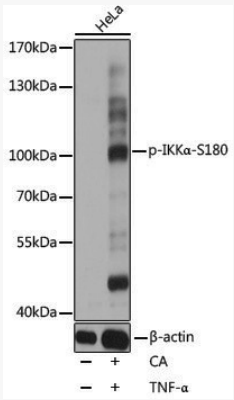
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S180 of human IKKα (NP_001269.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-IKK alpha (Ser180) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BPS2; IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha; Phospho-IKKα-S180.
Calculated MW	Calculated MW: 85 kDa; Observed MW: 100 kDa
Uniprot ID	O15111
Gene ID	1147
Background	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.

Validation Images



Western blot analysis of lysates from HeLa cells, using Phospho-IKKα-S180 Rabbit pAb (P108724) at 1:1,000 dilution. HeLa cells were treated by both TNF-α(20ng/mL) and Calyculin A (100nM) for 10 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 5s.