

Product datasheet for **AP26419AF-L**

IKK gamma (IKBK γ) pSer31 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: The antibody (approx. 1:100,000 – 1:400,000 diluted) can detect the Ser31 phosphorylated IKK- γ peptide coated on ELISA plate.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from Serine 31 phosphorylated IKK- γ , conjugated with KLH
Specificity:	This antibody detects Serine 31 phosphorylated IKK- γ from Human and other species with peptide LGEEspPLGKPA.
Formulation:	PBS, pH 7.4, 0.01M PBS State: Azide Free State: Lyophilized Ig fraction
Reconstitution Method:	Restore with double distilled water to adjust the final concentration to 1.00mg/ml.
Purification:	Protein G affinity
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Database Link:	Entrez Gene 8517 Human Q9Y6K9



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Background:

IKK- γ is the γ subunit in the I κ B kinase (Ikk) complex, also referred to as NF- κ B essential modulator isoform c. IKK plays an important role in the NF- κ B signal transduction pathway by phosphorylating I κ B a subunit and disassociating NF- κ B from I κ B in cytoplasm. Thus, NF- κ B is released and migrates to nucleus to activate the transcription of many genes that are involved with immuno-response, cell survival, and neuroplasticity.

Synonyms:

FIP3, FIP-3, IKKAP1, I-kappa-B kinase subunit gamma, IKK-gamma, IKKG, I κ B kinase subunit gamma