

Human/Mouse/Rat IKKγ Antibody

Antigen Affinity-purified Polyclonal Sheep IgG Catalog Number: AF4365

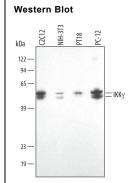
DESCRIPTION	
Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse, and rat ΙΚΚγ in Western blot.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant mouse ΙΚΚγ Met1-Glu411 Accession # 088522
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below

DATA



Detection of Mouse and Rat IKKy by Western Blot. Western blot shows lysates of C2C12 mouse myoblast cell line, NIH-3T3 mouse embryonic fibroblast cell line, PT18 mouse mast/basophil cell line, and PC-12 rat adrenal pheochromocytoma cell line. PVDF membrane was probed with 1 µg/mL of Human/Mouse/Rat IKKy Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4365) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). Specific bands were detected for IKKy at approximately 50 and 55 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE		
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.	
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C	
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.	

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

IκB kinase gamma (IKKγ) is also known as NF-κB essential modulator (NEMO), IKBKG, and FIP3. The active IKK complex, composed of IKKα, IKKβ, and two forms of processed IKKγ (50 and 55 kDa), phosphorylates and inactivates IκB, resulting in the release and nuclear translocation of active NF-κB. The regulatory IKKγ is required for activation of the IKK complex.

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