

Phospho-Kv2.1 (Ser805) Ab

[Images\(1\)](#)

Cat.#: AF3440	Concn.: ~1mg/ml	Mol.Wt.: 96kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000
 *The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

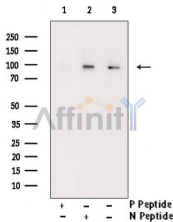
Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen: A synthesized peptide derived from human Kv2.1 around the phosphorylation site of Ser805.

Uniprot: Q14721

Description: Kv2.1 a potassium voltage-gated channel protein of subfamily B. Mediates the voltage-dependent potassium ion permeability of excitable membranes. Channels open or close in response to the voltage difference across the membrane, letting K ions pass in accordance with their electrochemical gradient.



Western blot analysis of Phospho-Kv2.1 (Ser805) Ab expression in TNF treated K562 cells lysates. The lane on the right was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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