
Rabbit Anti-Cortisol (5A4) Recombinant Antibody

No. :KF-ab0056

- Expression Host:** Nicotiana benthamiana plants
- Clonality:** Monoclonal, recombinant
- Species and Isotype:** Rabbit IgG1
- Description:** This product is a full-length Rabbit IgG1 recombinant antibody specific to Cortisol. It was produced in Nicotiana benthamiana plants via Agrobacterium tumefaciens-mediated infiltration.
- Verified Applications:** Western blot, ELISA
- Dilution Range:** Western blot (1: 1 000 - 1: 20 000)
ELISA (1: 2 000 - 1: 2 000 000)
- Tested Species Reactivity :** Human
- Concentration :** 1 mg/ml
- Form :** Liquid
- Storage:** Short-term (up to one week): 2 - 8 ° C
Long term: Aliquot and store at - 20 ° C
Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
- Storage Buffer:** 0.1 M Phosphate Buffered Saline, pH 7.8. Preservative: None
- Purification Notes:** This product was purified using Protein A- affinity chromatography.
- Purity:** \geq 95% as determined by SDS-PAGE
- General Notes:** For Research Use only, unless otherwise indicated.

Image:

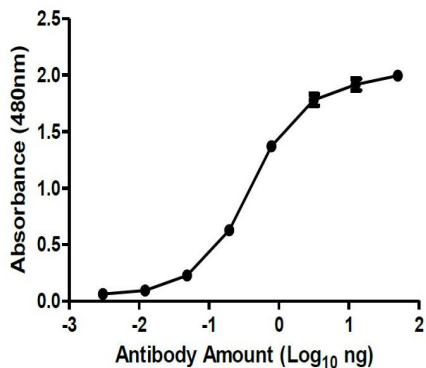


Figure 1. ELISA Dose Response curve using Rabbit Anti-Cortisol (5A4) Antibody from 0,00003 – 0,5 ng/uL to detect 25 ng BSA-Cortisol antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

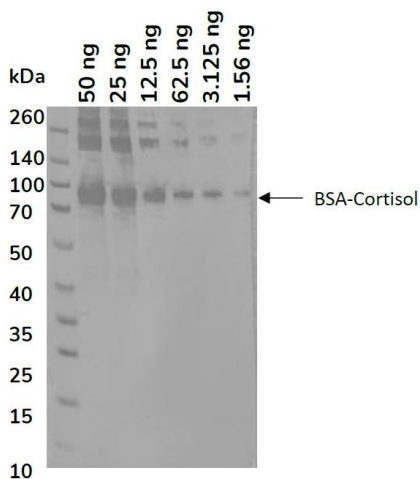


Figure 2. Western Blot of decreasing amounts of BSA-Cortisol (~90 kDa) detected with Rabbit Anti-Cortisol (5A4) Antibody at 1: 20 000 and an HRP conjugated Anti-Rabbit secondary antibody.