

**AP32845PU-N****Polyclonal Antibody to Actin - Aff - Purified**

<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	10 mg/ml of purified anti-Actin (purified from rabbit muscle) IgY spiked with 25 ug/ml of affinity purified anti-Actin IgY (based on A280 nm assay readings)
<b>Host / Isotype:</b>	Chicken / Ig
<b>Immunogen:</b>	Chickens were immunized with actin purified from Rabbit muscle. After repeated injections, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column. The final product contains 50% glycerol (v/v), purified anti-Actin IgY fraction (10 mg/ml) spiked with 25 µg/ml of affinity purified anti-Actin IgY, and then filter-sterilized.
<b>Format:</b>	<b>State:</b> Liquid purified IgY fraction <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline (PBS, pH 7.2) <b>Preservatives:</b> 0.02% (w/v) Sodium Azide
<b>Applications:</b>	<b>Quality Control:</b> This anti-Actin preparation was validated by Western blotting on nitrocellulose membranes (at a concentration of 1 µg/ml) using HRP-Conjugated Goat anti-Chicken IgY (1/5000 dilution, <i>Cat.-No</i> AP31795HR-N) as the secondary reagent. <b>Recommended Dilutions:</b> 1/1000-1/2000 for Western blot analysis of Nitrocellulose membranes. Please note that these dilutions are meant to serve as starting points, and that optimal dilutions may vary. <b>Do Not</b> use this product with PVDF, or other nylon-based membranes, because this often produces unacceptably high backgrounds in chemiluminescence studies. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Storage:</b>	Store undiluted at -20°C This product is photosensitive and should be protected from light. Shelf life: one year from despatch.