

Anti-Actin (Nitrocellulose Membrane Loading Control) Antibody

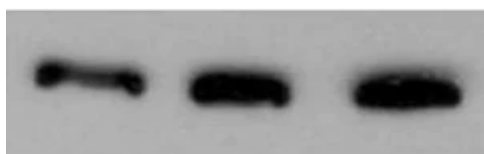


Product Details

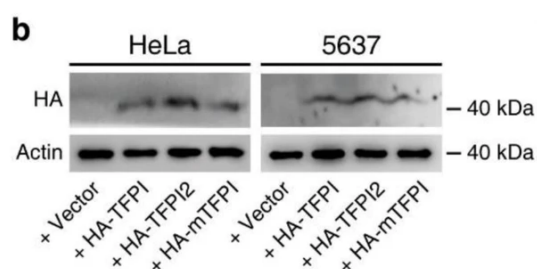
Available Variants	100 µL (SKU:ACT-1010) 400 µL (SKU:ACT-1040)
Isotype	IgY
Host Species	Chicken
Concentration	10 mg/mL
Format	Mixture of IgY fraction and affinity-purified antibodies
Physical State	Liquid
Buffer	Sodium phosphate (10 mM, pH 7.2) buffered isotonic saline (0.9%, w/v), glycerol (50%, v/v), with sodium azide (0.02%, w/v) as an anti-microbial agent.
Production Notes	Chickens were immunized with purified actin from rabbit muscle emulsified in Freund's adjuvants. After multiple injections, eggs were collected from the hens, IgY fractions were prepared from the yolks, and then affinity-purified antibodies were prepared using actin conjugated to an agarose matrix. The final product is a mixture of both affinity-purified antibodies (25 µg/mL) and purified IgY (10 mg/mL), mixed with glycerol 1:1 (v/v) (to prevent freezing at -20°C), augmented with sodium azide and then filter-sterilized.
Applications	WB
Dilution Ranges	WB Brain: 1:1000-1:2000
Species Reactivity	Human, Mouse, Rat
Immunogen	Actin purified from rabbit muscle
Molecular Weight	42 kDa
Quality Control	This anti-Actin IgY preparation was analyzed by Western Blot analysis (at a dilution of 1:2000) using HRP-labeled goat anti-chicken IgY (1:5000 dilution, Aves Labs Cat. # H-1004) as the secondary reagent.

Storage	Store at -20°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile.
Antibody Registry ID	AB_2313504
UniProt ID	P63267
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



β -Actin Loading Control for Westerns using Nitrocellulose Membranes; 3 Lanes loaded with mouse muscle homogenate (5 μ g total protein, 10 μ g total protein, 20 μ g total protein); primary antibody -- ACT (1:1000); secondary antibody -- HRP Goat anti-chicken IgY (Aves Labs, 1:2000)



TFPI, TFPI2, and mTFPI were expressed in HeLa or 5637 cells via lentiviral transduction. Expressed exogenous TFPI proteins in cells were confirmed via immunoblot detecting the triple HA tag (Cat. ET-HA) fused to their N-termini. Actin (Cat. ACT) was used as a loading control. Image from publication CC-BY-4.0. [PMID: 36351897](#)



