

Anti-ACTN1 Antibody, Rabbit Polyclonal

Synonyms: Alpha-actinin cytoskeletal isoform, F-actin cross-linking protein,
Non-muscle alpha-actinin-1

Basic Info

Catalog

PA00060HuA20

Host

Rabbit

Conjugate

None

Size

100 μ L

Concentration

1.0 mg/mL

Physical State

Liquid

Species Reactivity

Predict reacts with: Human/Mouse/Rat

Immunogen

Recombinant human ACTN1 protein,
fragment Asn272~Thr500;

UniprotKB: P12814

Purification

Antigen Affinity Chromatography

Applications

WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.

Specificity / Sensitivity: Anti-ACTN1 Antibody, Rabbit Polyclonal
recognizes endogenous levels of total ACTN1 protein.

Usage and

Storage

Shipped at 4°C.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5 μ g/mL

IF: 5~20 μ g/mL

IHC: 5~20 μ g/mL

ICC: 5~20 μ g/mL

QC Data

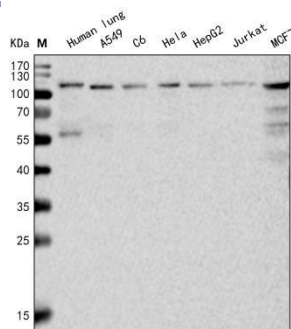


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using ACTN1 antibody (PA00060HuA20) at 1 μ g/mL. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Blocking buffer: 5% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20 s.

QC Data

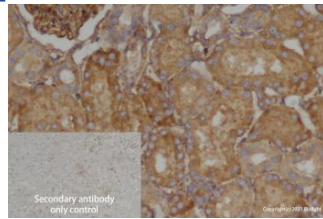


Figure 2. Application in IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney sections labelling ACTN1 with purified PA00060HuA20 at 10 μ g/mL. Heat mediated antigen retrieval was performed using citrate buffer (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1/4000 dilution. PBS instead of the primary antibody was used as the negative control.

For Research Use Only!