

Anti-ACTA2 Antibody, Rabbit Polyclonal

Synonyms: ACT-A2, ACTSA, ACTVS, Asma, GIG46

Basic Info

Catalog

CP00526HuA10

Host

Rabbit

Conjugate

None

Size

100 μ L

Concentration

0.66 mg/mL

Physical State

Liquid

Species Reactivity

Human/Mouse

Immunogen

A synthetic peptide of human ACTA2;

UniprotKB: P62736

Purification

Antigen Affinity Chromatography

Applications

WB/IHC

Property

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

Specificity / Sensitivity: Anti-ACTA2 Antibody, Rabbit Polyclonal recognizes endogenous levels of total ACTA2 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

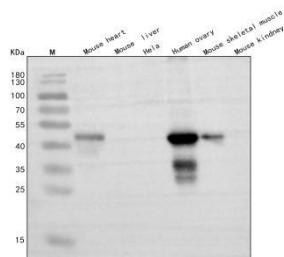


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using ACTA2 antibody (CP00526HuA10) at 1 μ g/mL. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:100000 dilution. Blocking buffer: 5% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1

QC Data

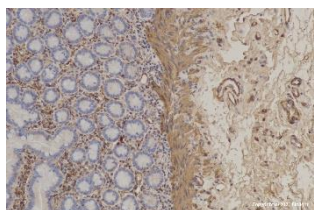


Figure 2. Application in IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human small intestine sections labelling ACTA2 with purified CP00526HuA10 at 5 $\mu\text{g/mL}$. 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.

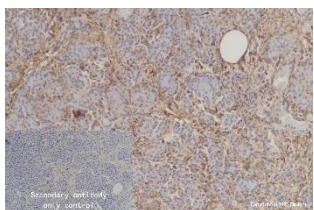


Figure 3. Application in IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human pancreas sections labelling ACTA2 with purified CP00526HuA10 at 10 $\mu\text{g/mL}$. 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.

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