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ACTG2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50866

Specification

ACTG2 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P63267
Reactivity	**Human, Mouse, Rat, Chicken, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42; [uniprot]42,37; [CST]45; KDa**
Antigen Region	**1-100/376**

ACTG2 Antibody - Additional Information

Gene ID 72

Other Names
Actin, gamma-enteric smooth muscle, Alpha-actin-3, Gamma-2-actin, Smooth muscle gamma-actin, ACTG2, ACTA3, ACTL3, ACTSG

Dilution
WB~~ 1:500<br \>IHC~~1:100-1:500

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

ACTG2 Antibody - Protein Information

Name ACTG2

Synonyms ACTA3, ACTL3, ACTSG

Function
Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

Cellular Location
Cytoplasm, cytoskeleton.

Tissue Location
In the intestine, abundantly expressed in smooth muscle cells of muscularis mucosa and

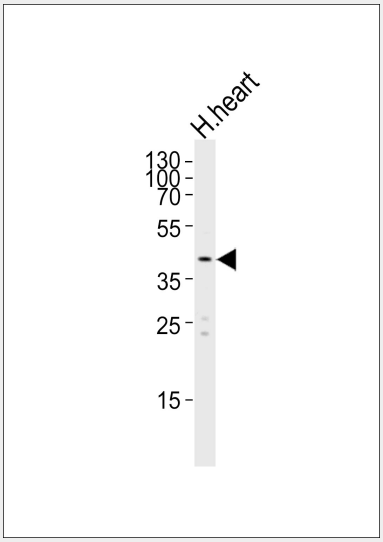
muscularis propria. Also detected in intestinal vascular smooth muscle cells

ACTG2 Antibody - Protocols

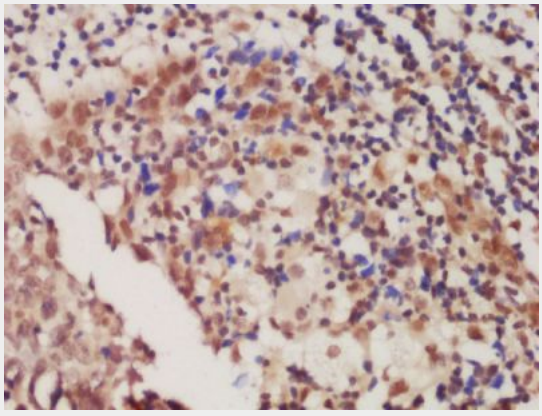
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACTG2 Antibody - Images



Western blot analysis of lysate from human heart tissue lysate,using ACTG2 Antibody(AP50866). AP50866 was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.



Tissue/cell: human laryngocarcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer at 37℃ for 20 min; Incubation:

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Anti-ACTG2 Polyclonal Antibody, Unconjugated1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DABstaining

ACTG2 Antibody - Background

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

ACTG2 Antibody - References

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Miwa T.,et al.Mol. Cell. Biol. 11:3296-3306(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Hillier L.W.,et al.Nature 434:724-731(2005).