

ACTG2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15265**Specification**

ACTG2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P63267
Other Accession	NM_001615 , NP_001606
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

ACTG2 Antibody - C-terminal region - Additional Information**Gene ID 72**

Alias Symbol	ACT, ACTA3, ACTE, ACTL3, ACTSG
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Other Names

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ACTG2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ACTG2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ACTG2 Antibody - C-terminal region - 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

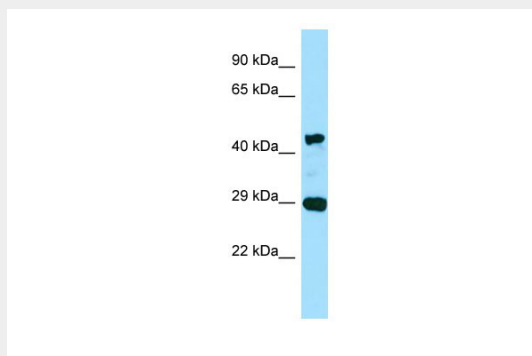
In the intestine, abundantly expressed in smooth muscle cells of muscularis mucosa and muscularis propria. Also detected in intestinal vascular smooth muscle cells

ACTG2 Antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTG2 Antibody - C-terminal region - Images



WB Suggested Anti-ACTG2 Antibody Titration: 0.25 µg/ml
Positive Control: Fetal Lung

ACTG2 Antibody - C-terminal region - References

Miwa T.,et al.Nucleic Acids Res. 18:4263-4263(1990).
Miwa T.,et al.Mol. Cell. Biol. 11:3296-3306(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).