

ACTG2 Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS13676**Specification**

ACTG2 Antibody (aa1-50) - Product Information

Application	WB, IHC-P, E
Primary Accession	P63267
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

ACTG2 Antibody (aa1-50) - 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

Target/Specificity

Actin-gamma2 Antibody detects endogenous levels of total Actin-gamma2 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

ACTG2 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTG2 Antibody (aa1-50) - 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

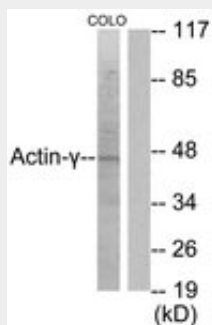
Volume

50 μ l

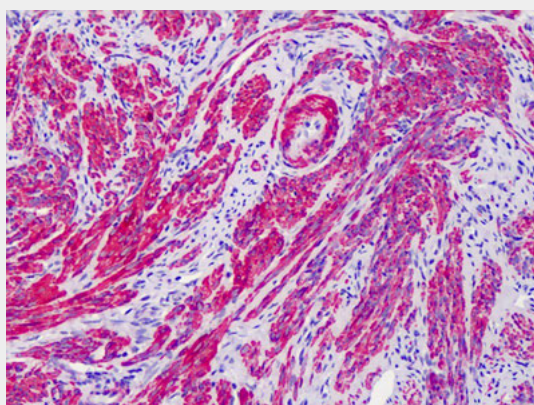
ACTG2 Antibody (aa1-50) - Protocols

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

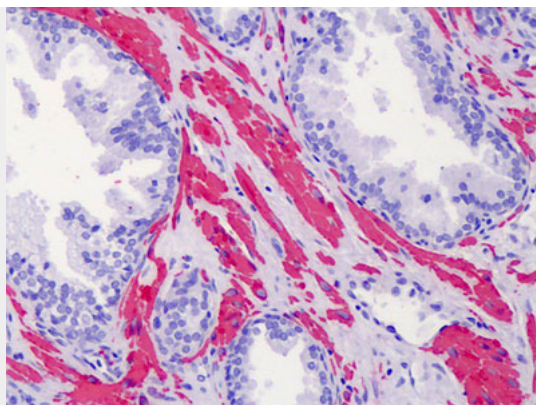
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTG2 Antibody (aa1-50) - Images

Western blot of extracts from COLO205 cells, using Actin-gamma2 Antibody.



Anti-ACTG2 / Gamma-2 Actin antibody IHC of human uterus.



Anti-ACTG2 / Gamma-2 Actin antibody IHC of human prostate.

ACTG2 Antibody (aa1-50) - 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 (aa1-50) - 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).