

ACTG1 / Gamma Actin Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13242**Specification**

ACTG1 / Gamma Actin Antibody - Product Information

Application	WB, IHC
Primary Accession	P63261
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

ACTG1 / Gamma Actin Antibody - Additional Information**Gene ID** 71**Other Names**

Actin, cytoplasmic 2, Gamma-actin, Actin, cytoplasmic 2, N-terminally processed, ACTG1, ACTG

Target/Specificity

Human gamma Actin. Predicted cross-reactivity based on amino acid sequence homology: zebrafish (100%), monkey (100%).

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

ACTG1 / Gamma Actin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ACTG1 / Gamma Actin Antibody - Protein Information**Name** ACTG1**Synonyms** ACTG**Function**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. May play a role in the repair of noise-induced stereocilia gaps thereby maintains hearing sensitivity following loud noise damage (By similarity).

Cellular Location

Cytoplasm, cytoskeleton

Volume

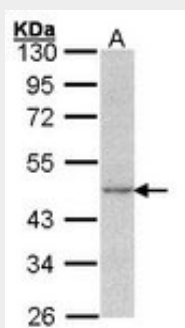
50 µl

ACTG1 / Gamma Actin Antibody - Protocols

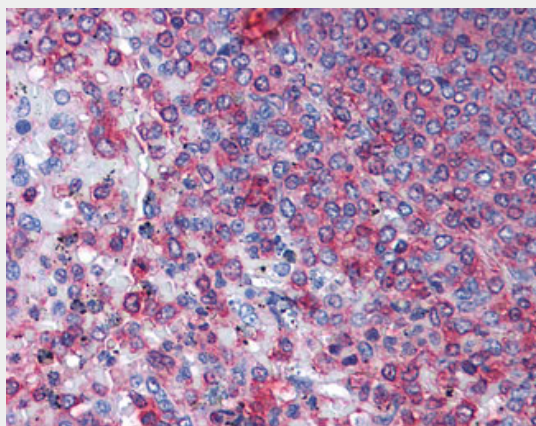
Provided below are standard protocols that you may find useful for product applications.

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

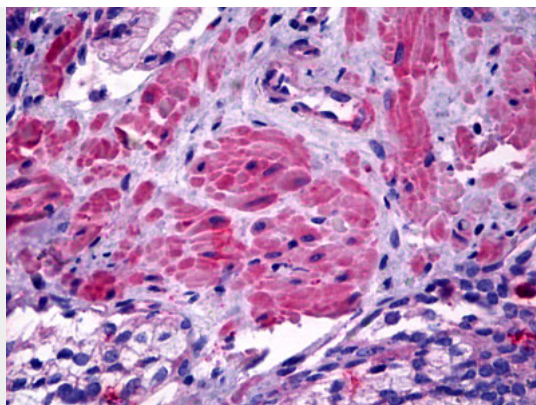
ACTG1 / Gamma Actin Antibody - Images



Sample (30 ug of whole cell lysate). A: A431. 10% SDS PAGE. ACTG1 antibody diluted at 1:1000.



Anti-ACTG1 / Gamma-Actin antibody IHC of human spleen.



Anti-ACTG1 / Gamma-Actin antibody IHC of human prostate, smooth muscle.

ACTG1 / Gamma Actin Antibody - Background

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

ACTG1 / Gamma Actin Antibody - References

- Erba H.P.,et al.Nucleic Acids Res. 14:5275-5294(1986).
- Erba H.P.,et al.Mol. Cell. Biol. 8:1775-1789(1988).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
- Gevaert K.,et al.Nat. Biotechnol. 21:566-569(2003).