10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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.

Cellular Location
Cytoplasm, cytoskeleton

Volume
50 µl

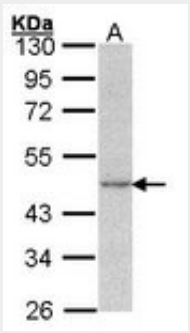
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ACTG1 / Gamma Actin Antibody - Protocols

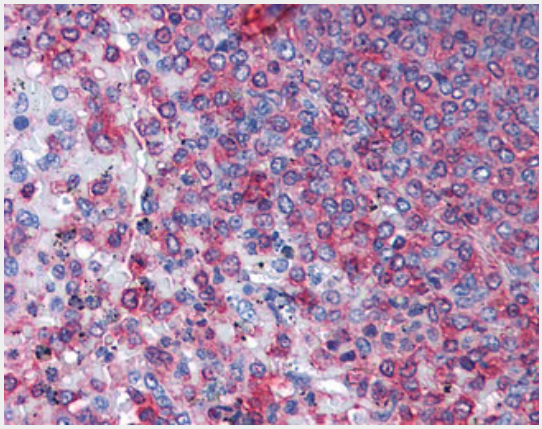
Provided below are standard protocols that you may find useful for product applications.

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

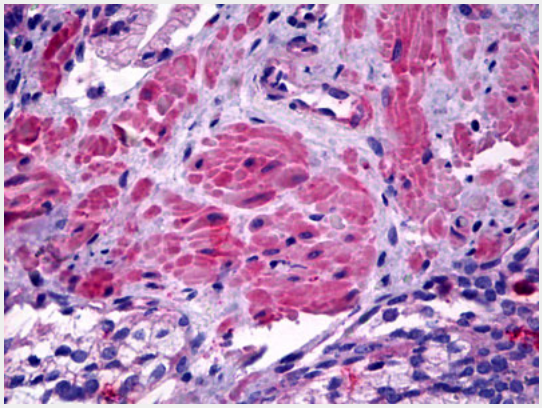
ACTG1 / Gamma Actin Antibody - Images



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.



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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).