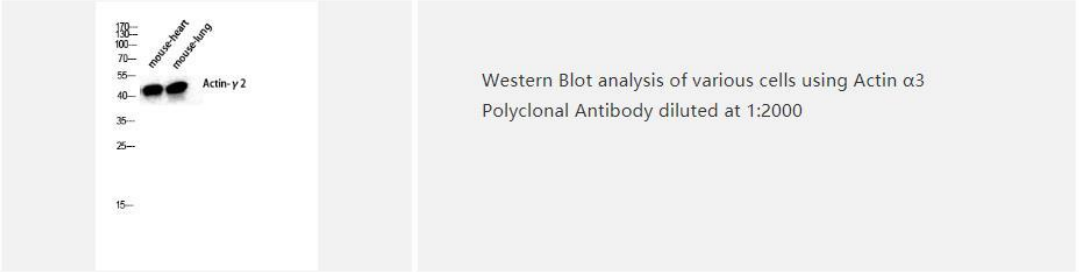
PRODUCT DATA SHEET

Actin α3 pAb

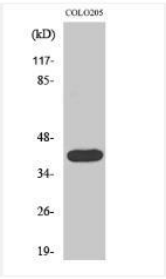
Catalog No.	IDS0060
Reactivity	Human; Mouse; Rat
Applications	WB; IHC; IF; ELISA
Alternative Names	Actin, gamma-enteric smooth muscle; Alpha-actin-3 Gamma-2-actin Smooth muscle gamma-actin; ACTG2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.07% sodium azide.
Source	Rabbit
Dilution	WB 1:500-1:2000; IHC 1:100-1:300; IF 1:200-1:1000; ELISA 1:20000
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml
Storage&Stability	Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.
Subcellular Location	-
MW	45kD (Observed)
Background	Actins are highly conserved proteins that are involved in various types of cell motility and in the maintenance of the cytoskeleton. Three types of actins, alpha, beta and gamma, have been identified in vertebrates. Alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton and as mediators of internal cell motility. This gene encodes actin gamma 2; a smooth muscle actin found in enteric tissues. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Based on similarity to peptide cleavage of related actins, the mature protein of this gene is formed by removal of two N-terminal peptides.[provided by RefSeq, Dec 2010].
Swiss-Prot	P63267

Products Images:

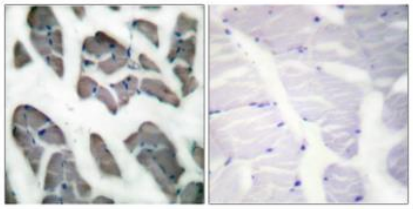


Western Blot analysis of various cells using Actin α3 Polyclonal Antibody diluted at 1:2000

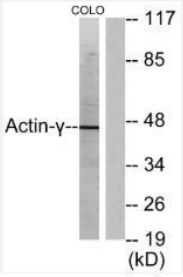
PRODUCT DATA SHEET



Western Blot analysis of COLO205 cells using Actin α3 Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Actin-gamma2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205 cells, using Actin-gamma2 Antibody. The lane on the right is blocked with the synthesized peptide.