

# Actin-pan (Acetyl Lys63/61/62) rabbit pAb

Cat No.:ES20086

For research use only

## Overview

Product Name	Actin-pan (Acetyl Lys63/61/62) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human Actin-pan (Acetyl Lys63/61/62)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat Actin-pan (Acetyl Lys63/61/62)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Actin-pan (Acetyl Lys63/61/62)
Gene Name	ACTA2 ACTSA ACTVS GIG46
Cellular localization	Cytoplasm, cytoskeleton.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	42kD
Human Gene ID	59
Human Swiss-Prot Number	P62736/P60709/P68032/P63261/P63267/P68133
Alternative Names	Actin, aortic smooth muscle (Alpha-actin-2;Cell growth-inhibiting gene 46 protein)
Background	The protein encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin





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that is found in skeletal muscle. Defects in this gene cause aortic aneurysm familial thoracic type 6. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008],



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