



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

Cat No.:ES20086

For research use only

## Overview

<b>Product Name</b>	Actin-pan (Acetyl Lys63/61/62) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human Actin-pan (Acetyl Lys63/61/62)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat Actin-pan (Acetyl Lys63/61/62)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Actin-pan (Acetyl Lys63/61/62)
<b>Gene Name</b>	ACTA2 ACTSA ACTVS GIG46
<b>Cellular localization</b>	Cytoplasm, cytoskeleton.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	42kD
<b>Human Gene ID</b>	59
<b>Human Swiss-Prot Number</b>	P62736/P60709/P68032/P63261/P63267/P68133
<b>Alternative Names</b>	Actin, aortic smooth muscle (Alpha-actin-2;Cell growth-inhibiting gene 46 protein)
<b>Background</b>	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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