

## Antibodies Product Datasheet

<b>Product Name:</b>	$\alpha$ -SMA Antibody
<b>Catalog Number:</b>	C21109
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Modification:</b>	Unmodified/Total
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	Synthesized peptide derived from the C-terminal region of human $\alpha$ -SMA.
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	ACTA1/ACTA2/ACTC1
<b>Protein Name:</b>	Actin alpha skeletal muscle/Actin aortic smooth muscle/Actin alpha cardiac muscle 1
<b>Other Name:</b>	ACTA1; ACTA; Actin, alpha skeletal muscle; Alpha-actin-1; ACTA2; ACTSA; ACTVS; GIG46; Actin, aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTC1; ACTC; Actin, alpha cardiac muscle 1; Alpha-cardiac actinACTA1; ACTA; Actin, al
<b>Human Swiss Prot No.:</b>	P68133
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	$\alpha$ -SMA Polyclonal Antibody detects endogenous levels of $\alpha$ -SMA protein.
<b>Storage and Stability:</b>	-20°C/1 year