SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Pan Actin antibody

Catalog Number: SLM-60349R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	F3C6
Target:	Pan Actin
Purification:	Affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-1000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 Flow-Cyt=1:50-100（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	42kDa
Subcellular Location:	The cell membrane
Background:	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.In vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility. Actin proteins have very high homology. The immunogen for this product is based on the ACTC1 protein but this antibody will also recognize: ACTB, ACTA1, ACTG1, ACTA2, ACTG2. **Subcellular Location:** Cytoskeleton.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	SWISS: P68032, P60709, P68133, P63261, P62736, P63267 **Gene ID:** 70 Actin is a highly conserved protein that participates in various types of cellular movement and is ubiquitously expressed in all eukaryotic cells. In vertebrates, three major classes of actin isoforms have been identified, namely α, β, and γ. α-actin is present in muscle tissue and is a major component of the contractile apparatus. β and γ actins coexist in most cell types as components of the Cytoskeleton and mediators of internal cellular movement.

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