

Datasheet for ABIN1105235
anti-Actin antibody (C-Term, pan)



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2 Images

Overview

Quantity:	0.1 mg
Target:	Actin
Binding Specificity:	AA 367-377, C-Term, pan
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to a sequence at the C-terminal of human Actin (367-377aa)
Sequence:	Sequence is identical to the related rat sequence.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, rat
Purification:	Immunogen affinity purified

Target Details

Target:	Actin
Abstract:	Actin Products
Background:	Actin, a highly conserved protein, is a major component of both the cytoskeletal and contractile

Target Details

structures in the cell types. It varies in amount, being related to the type of differentiation and to the functional state of cells and tissues. The actins exhibit over 90 % sequence homology, but each isoform has a unique NH₂-terminal sequence. The isoforms are comprised of three alpha-actin, one beta-actin, two gamma-actin. Because the amino acid sequence of the C-terminal is the same for almost all actins, this antibody has been raised using a synthetic peptide corresponding to the C-terminal 11 residues.

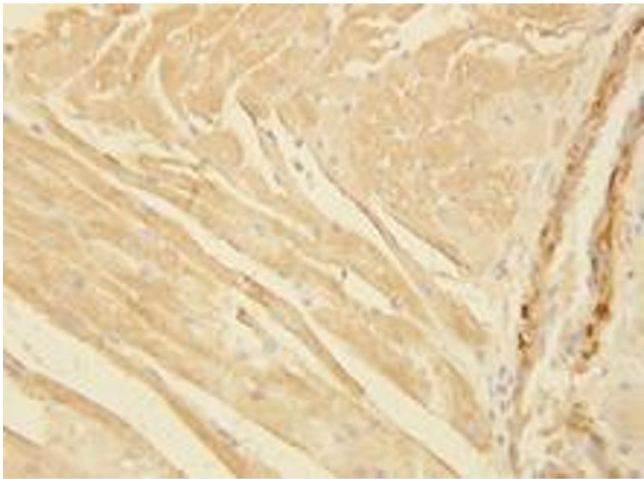
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

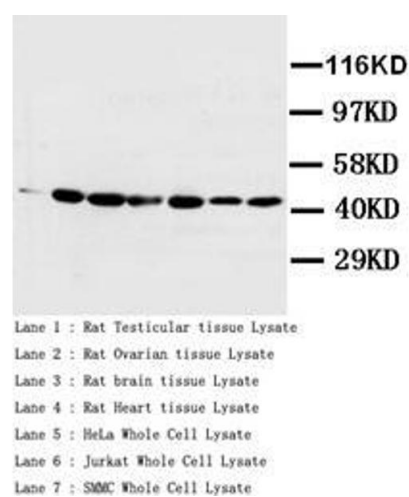
Reconstitution:	0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg NaN ₃
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Actin Polyclonal Antibody



Western Blotting

Image 2. Actin Polyclonal Antibody