

## Datasheet for ABIN2763613 **anti-Actin antibody (N-Term)**

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### Overview

Quantity:	100 µg
Target:	Actin
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	Synthetic peptide derived from the N-terminal of the beta-actin protein.
Isotype:	Ig Fraction
Cross-Reactivity:	Human
Characteristics:	Actins are highly conserved proteins that are involved in cell motility, structure and integrity, processes that are crucial for tissue development and the development of organism. The actin cytoskeleton is one of the principal drivers of cell motility and is capable of responding to complex signaling cascades. Recent evidence suggests that it may play key roles in regulating apoptosis and aging. Beta actin is one of six different actin isoforms which have been identified. Like GAPDH, b-actin is constitutively expressed at high levels in almost all tissues and cell lines making it ideal for use as a loading control marker in immunoblots.
Purification:	Antigen Immunoaffinity Purification

## Target Details

Target:	Actin
Abstract:	<a href="#">Actin Products</a>
UniProt:	<a href="#">P60709</a>

## Application Details

Application Notes:	Antibody can be used for Western blotting (1-5 µg/mL) and immunohistochemistry on paraffin-embedded tissues (10 µg/mL), Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

## Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles