

## Anti-ACTB antibody (100aa N-Term) (STJ140081)

STJ140081

### GENERAL INFORMATION

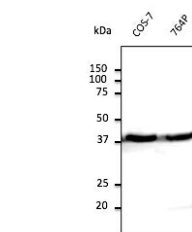
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Beta actin (100aa N-Term) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	WB/IHC-F/IHC-P/IF
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Rat/Mouse/Monkey/Canine

### PRODUCT PROPERTIES

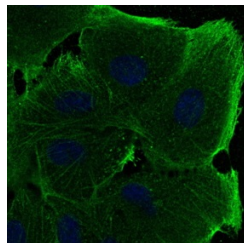
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	3 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	This antibody is epitope-affinity purified from goat antiserum.
<b>Dilution Range</b>	WB 1:250-1:2000 IF 1:50-1:250 IHC-F 1:250-1:1000 IHC-P 1:250-1:1000 Singh SP de Bruijn MJW Gago da Graça CV et al. J Immunol 2020 Jan PMID: 31836657 Morcom L Edwards T Rider E et al. bioRxiv 2020 Cardoso MHS PhD Thesis NOVA Un
<b>Formulation</b>	PBS, 20% Glycerol and 0.05% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	For continuous use, store at 2-8 deg;C for one-two days. For extended storage, store in -20 deg;C freezer. Working dilution samples should be discarded if not used within 12 hours.
<b>Instruction</b>	

### TARGET INFORMATION

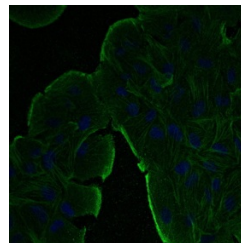
<b>Gene ID</b>	60
<b>Gene Symbol</b>	ACTB
<b>Uniprot ID</b>	ACTB_HUMAN
<b>Immunogen</b>	Purified recombinant peptide derived from within residues 100 aa to the N-terminus of human beta-Actin produced in E. coli.
<b>Immunogen Region</b>	100aa N-Term
<b>Specificity</b>	Detects a band of approximately 42 kDa by Western blot in the following human (293A, primary fibroblasts, HaCat, HeLa, HMEC-1, Jurkat, MNT1, U-118, rat (TR-IBRB) , mouse (3T3, AtT-20, Hepa, Raw264.7) , monkey (COS-7) and canine (D17) whole cell lysat
<b>Immunogen Sequence</b>	MDDIAALVVDNGSGMCKAG FAGDDAPRAVFPSIVGRPRH QGVMVGMGQKDSYVGDEAQS KRGILTLPYIEHGIVTNWD DMEKIWHHTFYNELRVAPE



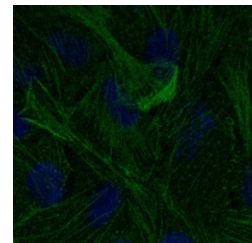
Anti-beta-Actin antibody at 1:500 dilution; lysates at 100 µg per lane; Rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution



Immunofluorescence à anti-beta-Actin antibody at 1:100 dilution in NHI:3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin



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Immunofluorescence à anti-beta-Actin antibody at 1:100 dilution in NHI:3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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