

beta Actin antibody

Cat. No. GTX21801

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA
Reactivity	Human, Mouse, Frog

References (2)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:4000
ICC/IF	1:500-1:2000
IHC-P	Assay dependent
ELISA	1:10000-1:40000

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to C-Terminal region near amino acids 350-375 of Human beta Actin.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

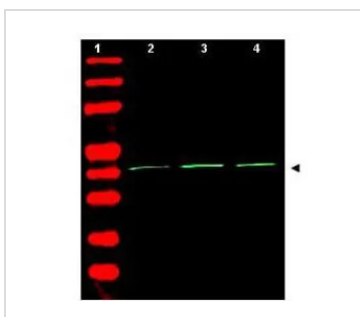
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DATA IMAGES

**GTX21801 WB Image**

Western Blot of Rabbit Anti-Beta Actin Antibody (GTX21801). Lane 1: molecular weight. Lane 2: human embryonic kidney 293. Lane 3: human lung carcinoma A549. Lane 4: mouse brain. Load: 35 μ g per lane. Primary antibody: Beta Actin antibody at 1:1,500 for overnight at 4°C. Secondary antibody: infrared rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~42 kDa corresponding to beta Actin (arrowhead). Other band(s): none

**GTX21801 WB Image**

WB analysis of various samples using GTX21801 beta Actin antibody.

Lane 1 : Protein ladder

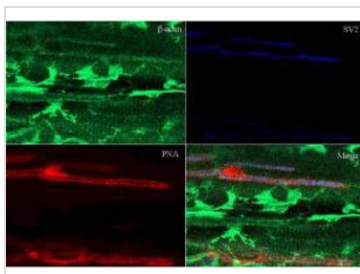
Lane 2 : 293T whole cell lysate

Lane 3 : A549 whole cell lysate

Lane 4 : Mouse brain tissue lysate

Loading : 35 μ g

Dilution : 1:500

**GTX21801 IHC-P Image**

IHC-P analysis of rana pipiens tissue using GTX21801 beta Actin antibody.

Green : Primary antibody

Dilution : 1:200



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