

Actin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00210
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Actin. AA range:326-375
Mol wt	41737
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Actin Antibody
Synonyms	ACTB; Actin; cytoplasmic 1; Beta-actin; POTEKP; ACTBL3; FKSG30; Putative beta-actin-like protein 3; Kappa-actin; POTE ankyrin domain family member K; ACTG1; ACTB; ACTG; Actin, cytoplasmic 2; Gamma-ac

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ACTB encodes one of six different actin proteins (actin beta). Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

Recommended Dilution

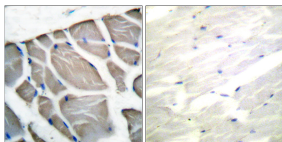
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

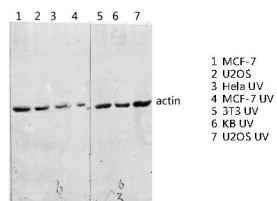
ELISA: 1: 10000

Not yet tested in other applications.

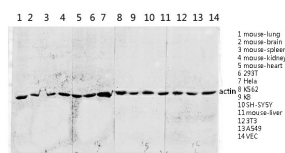
Images



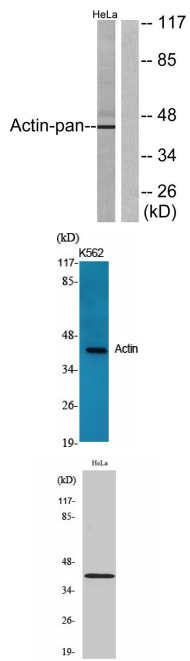
Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Actin-pan Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of various lysis using Actin Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western blot analysis of various lysis using Actin Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from HeLa cells, using Actin-pan Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using Actin Polyclonal Antibody diluted at 1:2000

Western Blot analysis of HeLa cells using Actin Polyclonal Antibody diluted at 1:2000

Storage

-20°C for one year

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