

HRP-conjugated β -Actin Rabbit mAb

Catalog NO.: AC028 **Recombinant** **109 Publications**

Basic Information

Observed MW

42 kDa

Calculated MW

42 kDa

Category

Loading control Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat, Chicken, Zebrafish, Pig

Conjugation

HRP

Clone number

ARC5115-01

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser-Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome.

Recommended Dilutions

WB 1:50000-1:200000

ELISA

Recommended starting concentration is 1 μ g/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
60	P60709

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

BRWS1; PS1TP5BP1; HRP-conjugated β -Actin

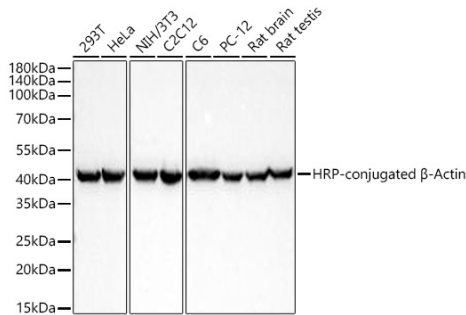
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Western blot analysis of various lysates using HRP-conjugated β-Actin Rabbit mAb (AC028) at 1:200000 dilution incubated overnight at 4°C.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10 s.

