

HRP-conjugated ACTB Rabbit mAb

Catalog No.	AC028	Category	Loading control Antibodies
Applications	WB	Observed MW	42kDa
Cross-reactivity	Human, Mouse, Rat, Chicken, Zebrafish, Pig, Oryza sativa	Calculated MW	41kDa

Immunogen Information

Immunogen	Recombinant protein of human β -actin
Gene ID	60
Swiss prot	P60709
Synonyms	ACTB;BRWS1;PS1TP5BP1;beta actin;actin

Product information

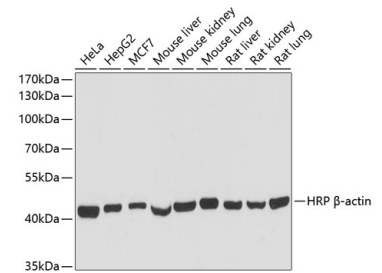
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH 7.3.

Background

This gene encodes one of six different actin proteins. 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 Dilutions

WB 1:10000 - 1:100000



Western blot analysis of extracts of various cell lines, using HRP-Conjugated β -actin antibody (AC028) at 1:50000 dilution.

Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.