

CAPZB Polyclonal Antibody

Catalog No: #31441



Package Size: #31441-1 50ul #31441-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

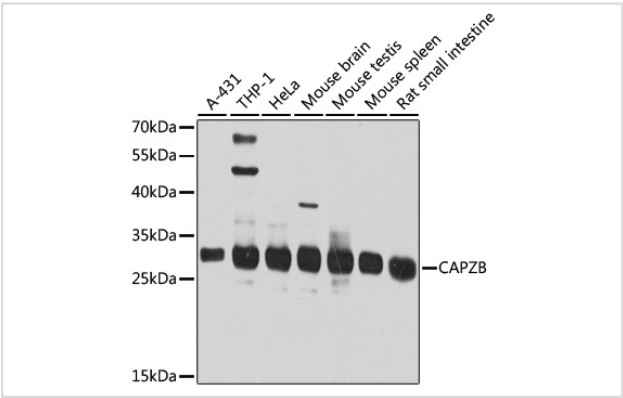
Description

Product Name	CAPZB Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CAPZB (NP_004921.1).
Other Names	CAPZB; CAPB; CAPPB; CAPZ; F-actin-capping protein subunit beta
Accession No.	Swiss-Prot#:P47756NCBI Gene ID:832
Uniprot	P47756
GeneID	832;
Calculated MW	31kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

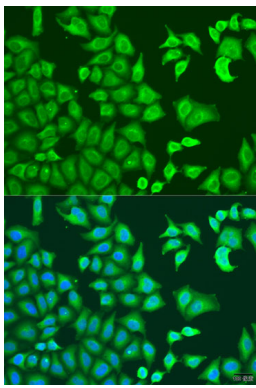
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using CAPZB at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using CAPZB at dilution of 1:100. Blue: DAPI for nuclear staining.

## Background

This gene encodes the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells. A pseudogene of this gene is located on the long arm of chromosome 2. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

Note: This product is for in vitro research use only