

## Anti-CAPZB antibody (1-272) (STJ110405)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

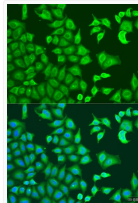
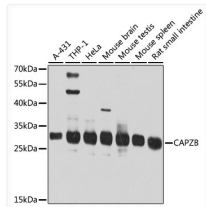
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 31kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">832</a>
Gene Symbol	<a href="#">CAPZB</a>
UniProt ID	<a href="#">CAPZB_HUMAN</a>
Immunogen Region	1-272
Immunogen Sequence	MSDQQQLDCALDLMRRLPPQQ IEKNLSDLIDLVPSLCEDLL SSV DQPLKIARDKVVGKDY L LCDYNRDGDSYRSPWSNKYD PPLEDGAMP SARLRKLEVEA NNAFDQYRDLYFEGGVSSVY LWDLDHGFAGVILIKKAGDG SKKIKGCWDSIHVVEVQEKS SGRTAHYKLTSTVMLWLQTN KSGSGTMNLLGGSLTRQMEKD ETVSDCSPHIANIGRLVEDM ENKIRSTLNEIYFGKTKDI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-272 of human CAPZB (NP_004921.1).

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using CAPZB Rabbit pAb (STJ110405) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit  
Exposure time: 30s.

Immunofluorescence analysis of U2OS cells using CAPZB Rabbit pAb (STJ110405) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.