



# CPNS2 rabbit pAb

Cat No.:ES9482

For research use only

## Overview

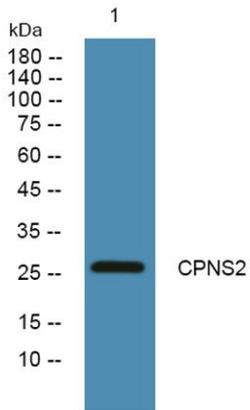
<b>Product Name</b>	CPNS2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	CPNS2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Calpain small subunit 2 (CSS2) (Calcium-dependent protease small subunit 2)
<b>Gene Name</b>	CAPNS2
<b>Cellular localization</b>	Cytoplasm . Cell membrane . Translocates to the plasma membrane upon calcium binding. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	27kD
<b>Human Gene ID</b>	84290
<b>Human Swiss-Prot Number</b>	Q96L46
<b>Alternative Names</b>	
<b>Background</b>	function:Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.,similarity:Contains 4





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EF-hand domains.,subcellular location:Translocates to the plasma membrane upon calcium binding.,subunit:Heterodimer of a large (catalytic) and a small (regulatory) subunit.,



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night



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