

Anti-Calpain small subunit 1 CAPNS1 Antibody

Catalog Number: A04111

About CAPNS1

Transcriptional regulator which participates in regulating the pre-mRNA splicing process. Seems to be involved in the regulation of RNA polymerase II (pol II). Functions in association with cyclin-dependent kinases (CDKs) and has a role in the second step of splicing. May be a candidate proto-oncogene in head and neck squamous cell carcinomas (HNSCC). Inhibited by the CDK-specific inhibitor p21.

A. Hamid Boulares, J. Biol. Chem., Aug 1999; 274: 22932.

Alessandra Pagano, Am J Physiol Lung Cell Mol Physiol, Jun 2007; 10.1152.

Mi Young Kim, Genes & Dev., Sep 2005; 19: 1951 - 1967.

Silke S[†]se, Nucleic Acids Res., Feb 2004; 32: 669 - 680.

Overview

Product Name	Anti-Calpain small subunit 1 CAPNS1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Calpain small subunit 1 CAPNS1 Antibody catalog # A04111. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P04632

Technical Details

Immunogen	Synthesized peptide derived from human Cyclin-L1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

	specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200</p>

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