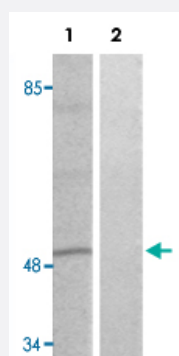


DPYSL2 (phospho T509) polyclonal antibody

Catalog # PAB29239

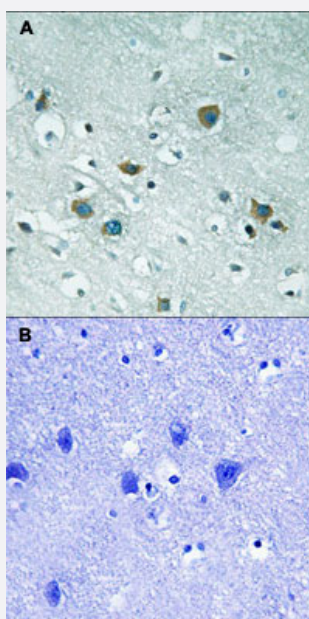
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: heat shock treated HT-29 cells, Lane 2: antigen-specific peptide treated HT-29 cells with DPYSL2 (phospho T509) polyclonal antibody (Cat # PAB29239) at 1:500-1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain tissue by DPYSL2 (phospho T509) polyclonal antibody (Cat # PAB29239) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human DPYSL2.

Immunogen

Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T509 of human DPYSL2.

Host	Rabbit
Theoretical MW (kDa)	50
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of DPYSL2 only when phosphorylated at threonine 509.
Form	Liquid
Purification	Affinity purification
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (without Mg ²⁺ and Ca ²⁺), (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: heat shock treated HT-29 cells, Lane 2: antigen-specific peptide treated HT-29 cells with DPYSL2 (phospho T509) polyclonal antibody (Cat # PAB29239) at 1:500-1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain tissue by DPYSL2 (phospho T509) polyclonal antibody (Cat # PAB29239) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Gene Info — DPYSL2

Entrez GeneID	1808
Protein Accession#	Q16555
Gene Name	DPYSL2
Gene Alias	CRMP2, DHPRP2, DRP-2, DRP2
Gene Description	dihydropyrimidinase-like 2
Omim ID	602463

Gene Ontology

[Hyperlink](#)

Other Designations

collapsin response mediator protein hCRMP-2|dihydropyrimidinase-like 2 long form

Pathway

- [Axon guidance](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)