

CKB (Phospho-Ser199) Antibody

Catalog No: #SAB652

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Description

Product Name	CKB (Phospho-Ser199) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	H
Specificity	CKB(Phospho-Ser199) Antibody detects endogenous levels of CKB only when phosphorylated at Ser199.
Immunogen Description	A synthesized peptide derived from human CKB around the phosphorylation site of Ser199.
Other Names	Creatine kinase B-type; Brain creatine kinase; B-CK; Creatine kinase B chain; Creatine phosphokinase B-type;CPK-B; CKBB
SDS-PAGE MW	43kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.