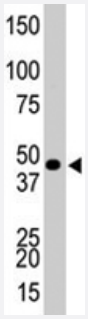
CKB polyclonal antibody

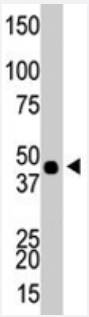
Catalog # PAB4595 Size 400 uL

Applications



Western Blot (Tissue lysate)

The CKB polyclonal antibody (Cat # PAB4595) is used in Western blot to detect CKB in mouse colon tissue lysate .



Western Blot (Cell lysate)

The CKB polyclonal antibody (Cat # PAB4595) is used in Western blot to detect CKB in Y-79 cell lysate .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CKB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human CKB.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Western Blot (Cell lysate)

  The CKB polyclonal antibody (Cat # PAB4595) is used in Western blot to detect CKB in Y-79 cell lysate .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CKB

Entrez GeneID	1152
Protein Accession#	P12277
Gene Name	CKB
Gene Alias	B-CK, CKBB
Gene Description	creatine kinase, brain
Omim ID	123280
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The e ncoded protein reversibly catalyzes the transfer of phosphate between ATP and various phospho gens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of this gene has been characteri zed. [provided by RefSeq

Other Designations	brain creatine kinase|creatine kinase B-chain|creatine kinase-B

Pathway

- Arginine and proline metabolism
- Metabolic pathways

Disease

- Macular Degeneration