

DNAxPAb

Hard-to-Find
Antibody

CKB DNAxPab

Catalog # H00001152-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CKB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPFSNSHNALKLRFPAEDEFPDLSAHNNHMAKVLTPELYAELRAKSTPSGFTLDDVIQTGVDNPG HPYIMTVGCVAGDEESYEVFKDLFDPIIEDRHGGYKPSDEHKTDLNPDNLQGGDDLDPNYVLSSR VRTGRSIRGFCLPPHCSRGERRAIEKLAVEALSSLDGDLAGRYYALKSMTEAEQQQLIDDHFLFDK PVSPLLLASGMARDWPDARGIWHNDNKTFVLVWVNEEDHLRVISMQKGGNMKEVFTRFCTGLTQI ETLFKSKDYEFMWNPHLGYILTCPSNLGTGLRAGVHIKLPNLGKHEKFSEVLKRLRLQKRGTGGV DTAAVGGVFDVSNADRLGFSEVELVQMVDGVKLLIEMEQRLEQQQAIDDLMPAQK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CKB

Entrez GeneID	1152
GeneBank Accession#	NM_001823.3
Protein Accession#	NP_001814.2
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 encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens 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 characterized. [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](#)