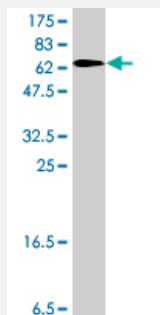


CKB polyclonal antibody (A01)

Catalog # H00001152-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (68.02 KDa) .

Specification

| | |
|-------------------------------|--|
| Product Description | Mouse polyclonal antibody raised against a full-length recombinant CKB. |
| Immunogen | CKB (AAH01190, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. |
| Sequence | MPFSNSHNALKLRFPAEDEFDPDLSAHNNHMAKVLTPELYAELRAKSTPSGFTLDDVIQTGVDPNG HPYIMTVGCVAGDEESYEVFKDLFDPIIEDRHGGYKPSDEHKTDLPDNLQGGDDLDPNYVLSSR VRTGRSIRGFCLPPHCSRGERRAIEKLAVEALSSLDGDLAGRYALKSMTEAEQQQLIDHFLFDK PVSPLLLASGMARDWPDARGIWHNDNKTFLVWVNEEDHLRVISMQKGGNMKEVFTRFCTGLTQI ETLFKSKDYEFMWNPHLGYILTCPSNLGTGLRAGVHIKLPNLGKHEKFSEVLKRLRLQKRGTGGV DTAAVGGVFDVSNADRLGFSEVELVQMVDGVKLLIEMEQRLEQQQAIDDLMPAQK |
| Host | Mouse |
| Reactivity | Human |
| Interspecies Antigen Sequence | Mouse (97); Rat (97) |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.02 KDa) . |
| Storage Buffer | 50 % glycerol |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CKB

| | |
|---------------------|--|
| Entrez GeneID | 1152 |
| GeneBank Accession# | BC001190 |
| Protein Accession# | AAH01190 |
| 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 |

Publication Reference

- [Involvement of creatine kinase B in hepatitis C virus genome replication through interaction with the viral NS4A protein.](#)

Hara H, Aizaki H, Matsuda M, Shinkai-Ouchi F, Inoue Y, Murakami K, Shoji I, Kawakami H, Matsuura Y, Lai MM, Miyamura T, Wakita T, Suzuki T.

Journal of Virology 2009 May; 83(10):5137.

Application: IEM, IF, WB-Ce, WB-Tr, Human, Huh7, SGR-N cells

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

Disease

- [Macular Degeneration](#)