

# ARG55359 anti-CKB / Brain Creatine Kinase antibody

Package: 100 μl Store at: -20°C

# Summary

Product Description	Rabbit Polyclonal antibody recognizes CKB / Brain Creatine Kinase
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	lgG
Target Name	CKB / Brain Creatine Kinase
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 1-30 (N-terminus) of Human CKB.
Conjugation	Un-conjugated
Alternate Names	Creatine kinase B-type; EC 2.7.3.2; BCK; B-CK; CKBB; Creatine kinase B chain; HEL-S-29; HEL-211

### **Application Instructions**

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse colon	

#### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

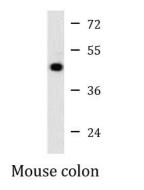
## Bioinformation

Database links

GenelD: 1152 Human

	GenelD: 12709 Mouse
	Swiss-port # P12277 Human
	Swiss-port # Q04447 Mouse
Gene Symbol	СКВ
Gene Full Name	creatine kinase, brain
Background	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, Jul 2008]
Function	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. [UniProt]
Research Area	Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	43 kDa
Cellular Localization	Cytoplasm.

### Images



#### ARG55359 anti-CKB / Brain Creatine Kinase antibody WB image

Western blot: Mouse colon lysate stained with ARG55359 anti-CKB / Brain Creatine Kinase antibody.