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CKB antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15013

Product Information

Application	WB
Primary Accession	P06732
Other Accession	NM_001823, NP_001814
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Zebrafish, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43101

Additional Information

Gene ID	1158
Alias Symbol	B-CK, CKBB
Other Names	Creatine kinase M-type, 2.7.3.2, Creatine kinase M chain, M-CK, Creatine kinase M-type, N-terminally processed, CKM, CKMM
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CKB antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CKB antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

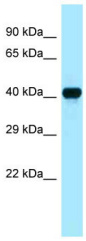
Protein Information

Name	CKM
Synonyms	CKMM
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.
Cellular Location	Cytoplasm.

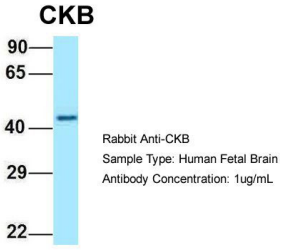
References

Perryman M.B.,et al.Biochem. Biophys. Res. Commun. 140:981-989(1986).
Trask R.V.,et al.J. Biol. Chem. 263:17142-17149(1988).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Grimwood J.,et al.Nature 428:529-535(2004).
Hamburg R.J.,et al.J. Biol. Chem. 265:6403-6409(1990).

Images



WB Suggested Anti-CKB Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart



Host:Rabbit
Target Name:CKB
Sample Tissue:Human Fetal Brain
Antibody Dilution: 1.0µg/ml