

CABP Polyclonal Antibody

Cat No: HR1AP9404

For research use only

Overview

Product Name	CABP Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	40kDa
GeneID?Human?	CABP1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Calcium-binding protein 1 (CaBP1) (Calbrain) (Caldendrin)
Background	<p>calcium binding protein 1(CABP1) Homo sapiens Calcium binding proteins are an important component of calcium mediated cellular signal transduction. This gene encodes a protein that belongs to a subfamily of calcium binding proteins which share similarity to calmodulin. The protein encoded by this gene regulates the gating of voltage-gated calcium ion channels. This protein inhibits calcium-dependent inactivation and supports calcium-dependent facilitation of ion channels containing voltage-dependent L-type calcium channel subunit alpha-1C. This protein also regulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors, P/Q-type voltage-gated calcium channels, and transient receptor potential channel TRPC5. This gene is predominantly expressed in retina and brain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012],</p>