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Anti-CABP5 Antibody

Catalog # AP51739

Product Information

Application	WB
Primary Accession	Q9NP86
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19826

Additional Information

Gene ID	56344
Other Names	CABP3; Calcium-binding protein 5; CaBP5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CABP5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

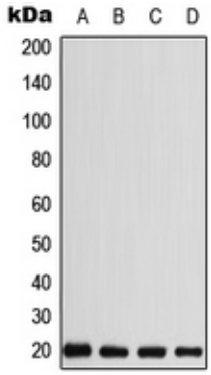
Protein Information

Name	CABP5
Synonyms	CABP3
Function	Inhibits calcium-dependent inactivation of L-type calcium channel and shifts voltage dependence of activation to more depolarized membrane potentials (By similarity). Involved in the transmission of light signals (By similarity). May positively regulate neurotransmitter vesicle endocytosis and exocytosis in a salt-dependent manner (By similarity). May play a role in the extension and network organization of neurites (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Retina..

References

Haeseleer F.,et al.J. Biol. Chem. 275:1247-1260(2000).
Sokal I.,et al.Biochim. Biophys. Acta 1498:233-251(2000).
McCue H.V.,et al.Biochem. Biophys. Res. Commun. 380:825-831(2009).

Images



Western blot analysis of CABP5 expression in MDMB435 (A), HEK293T (B), SP2/0 (C), H9C2 (D) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 20 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.