

CABP4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51738

Product Information

Application	WB
Primary Accession	P57796
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30 kDa

Additional Information

Other Names	Calcium-binding protein 4, CaBP4, CABP4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CABP4. The exact sequence is proprietary.
Dilution	WB~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Background

Involved in normal synaptic function through regulation of Ca²⁺ influx and neurotransmitter release in photoreceptor synaptic terminals and in auditory transmission. Modulator of CACNA1D and CACNA1F, suppressing the calcium-dependent inactivation and shifting the activation range to more hyperpolarized voltages (By similarity).

References

Haeseleer F., et al. *Nat. Neurosci.* 7:1079-1087(2004).
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Haeseleer F., et al. *J. Biol. Chem.* 275:1247-1260(2000).
McCue H.V., et al. *Biochem. Biophys. Res. Commun.* 380:825-831(2009).
Zeitl C., et al. *Am. J. Hum. Genet.* 79:657-667(2006).