

Anti-CABP4 Antibody

Catalog # AP53739

Product Information

Application	WB
Primary Accession	P57796
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30433

Additional Information

Gene ID	57010
Other Names	Calcium-binding protein 4; CaBP4
Target/Specificity	Recognizes endogenous levels of CABP4 protein.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

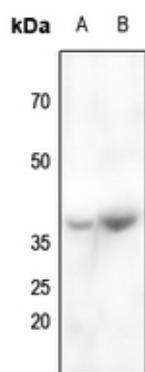
Protein Information

Name	CABP4
Function	Involved in normal synaptic function through regulation of Ca(2+) 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).
Cellular Location	Cytoplasm. Presynapse {ECO:0000250 UniProtKB:Q8VHC5}. Note=Found in rod spherules and cone pedicles of the presynapses from both types of photoreceptors {ECO:0000250 UniProtKB:Q8VHC5}
Tissue Location	Expressed in retina and in the inner hair cells (IHC) of the cochlea

Background

Rabbit polyclonal antibody to CABP4

Images



Western blot analysis of CABP4 expression in Hela (A), rat spleen (B) whole cell lysates.

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