

CABP4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54697

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P57796
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30433

Additional Information

Gene ID	57010
Other Names	Calcium-binding protein 4, CaBP4, CABP4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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