

Anti-CABP4 Antibody
Catalog # AP53739**Specification**

Anti-CABP4 Antibody - Product Information

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

Anti-CABP4 Antibody - 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

Anti-CABP4 Antibody - 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

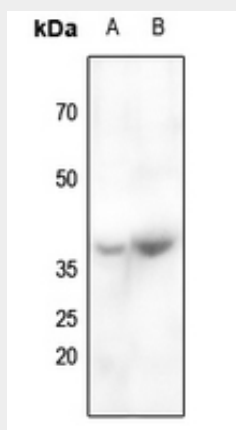
Expressed in retina and in the inner hair cells (IHC) of the cochlea

Anti-CABP4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CABP4 Antibody - Images



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

Anti-CABP4 Antibody - Background

Rabbit polyclonal antibody to CABP4