

CABP4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51738**Specification**

CABP4 Antibody - Product Information

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

CABP4 Antibody - Additional Information**Gene ID** 57010**Other Names**

Calcium-binding protein 4, CaBP4, CABP4

Dilution

WB~~1:1000

E~~N/A

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

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

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](#)

CABP4 Antibody - Images

CABP4 Antibody - Background

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CABP4 Antibody - References

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Taylor T.D.,et al.Nature 440:497-500(2006).
Haeseleer F.,et al.J. Biol. Chem. 275:1247-1260(2000).
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Zeitzi C.,et al.Am. J. Hum. Genet. 79:657-667(2006).