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Anti-CABP2 Antibody

Catalog # AP60144

Product Information

Application	WB
Primary Accession	Q9NPB3
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24482

Additional Information

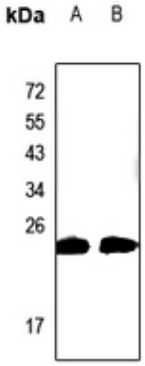
Gene ID	51475
Other Names	Calcium-binding protein 2; CaBP2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CABP2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CABP2
Function	Required for sound encoding at inner hair cells (IHCs) synapses, likely via inhibition of the inactivation of voltage-gated calcium channel of type 1.3 (Cav1.3) in the IHCs (PubMed:28183797). Required for the normal transfer of light signals through the retina (By similarity).
Cellular Location	Cytoplasm, perinuclear region. Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus
Tissue Location	Retina..

Images

Western blot analysis of CABP2 expression in mouse eyes



(A), rat eyes (B) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 24 kD)

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