

Anti-CABP7 Antibody

Catalog # AP60436

Product Information

Application	WB, IHC
Primary Accession	Q86V35
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24453

Additional Information

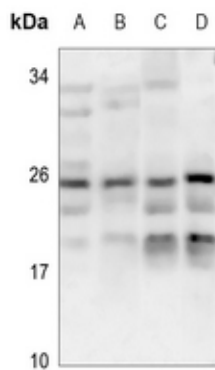
Gene ID	164633
Other Names	CALN2; Calcium-binding protein 7; CaBP7; Calneuron II; Calneuron-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CABP7. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
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

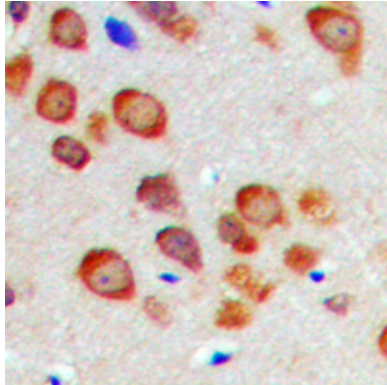
Name	CABP7
Synonyms	CALN2
Function	Negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity.
Cellular Location	Golgi apparatus, trans-Golgi network membrane; Single-pass type IV membrane protein. Cytoplasm, perinuclear region. Cell membrane; Single-pass type IV membrane protein

Images

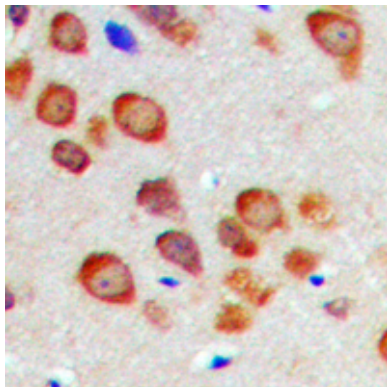
Western blot analysis of CABP7 expression in LOVO (A),



HEK293T (B), mouse spleen (C), rat spleen (D) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 25 kD)



Immunohistochemical analysis of CABP7 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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