



## CALBRAIN Antibody

CATALOG NUMBER: XW-8123

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Rat
<b>TESTED APPLICATIONS:</b>	WB
<b>APPLICATIONS:</b>	Calcium-binding protein 1 antibody can be used for the detection of Calcium-binding protein 1 by Western Blot.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>PREDICTED MOLECULAR WEIGHT:</b>	25.9 kDa (calculated)
<b>IMMUNOGEN:</b>	15-227
<b>HOST SPECIES:</b>	Chicken

### Properties

<b>PURIFICATION:</b>	Immunoaffinity Purified
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Phosphate-Buffered Saline. No preservatives added.
<b>CONCENTRATION:</b>	1 mg/mL
<b>STORAGE CONDITIONS:</b>	CALBRAIN antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	Calcium-binding protein 1, Calbrain, CaBP1, Calciumbinding protein 1
<b>ACCESSION NO.:</b>	NP_112482.1
<b>PROTEIN GI NO.:</b>	13929432
<b>OFFICIAL SYMBOL:</b>	CABP1
<b>GENE ID:</b>	9478

### Background

<b>BACKGROUND:</b>	<b>SIMILARITY:</b> Contains 4 EF-hand domains.  <b>SUBCELLULAR LOCATION:</b> L-CaBP1 is associated most likely with the cytoskeletal structures whereas S-CaBP1 is localized at or near the plasma membrane.  <b>TISSUE SPECIFICITY:</b> Retina and brain. Calbrain was found exclusively in brain where it is abundant in the hippocampus, habenular area in the epithalamus and in the cerebellum.
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FOR RESEARCH USE ONLY

