



## CABP5 peptide (DAG-P1353)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The product of this gene belongs to a subfamily of calcium binding proteins, which share similarity to calmodulin. Calcium binding proteins are an important component of calcium mediated cellular signal transduction. Expression of this gene is retina-specific. The mouse homolog of this protein has been shown to express in the inner nuclear layer of the retina, suggested its role in neuronal functioning. The specific function of this gene is unknown. [provided by RefSeq, Oct 2009]
<b>Specificity</b>	Retina and brain. Somatodendritic compartment of neurons. Calbrain was found exclusively in brain where it is abundant in the hippocampus, habenular area in the epithalamus and in the cerebellum.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Contains 4 EF-hand domains.
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">CABP5 calcium binding protein 5 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CABP5
<b>Synonyms</b>	CABP5; calcium binding protein 5; CABP3; calcium-binding protein 5; calcium-binding protein 3;

<b>Entrez Gene ID</b>	<a href="#">56344</a>
<b>mRNA Refseq</b>	<a href="#">NM_019855.4</a>
<b>Protein Refseq</b>	<a href="#">NP_062829.1</a>
<b>UniProt ID</b>	Q9NP86
<b>Chromosome Location</b>	19q13.33
<b>Function</b>	calcium ion binding;