



# Rabbit Anti-Human CALML3 Polyclonal Antibody (CABT-L2187)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Calmodulin Like Protein 3 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against CALML3. It has been selected for its ability to recognize CALML3 in immunohistochemical staining and western blotting.
<b>Target</b>	CALML3
<b>Immunogen</b>	Recombinant fragment corresponding to human CALML3 (Met1~Lys149)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	May be similar to that of authentic calmodulin and may actually compete with calmodulin by binding, with different affinities, to cellular substrates.
<b>Keywords</b>	CLP;Calmodulin-related protein NB-1;CaM-like protein

## GENE INFORMATION

<b>Gene Name</b>	CALML3 calmodulin-like 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CALML3
<b>Synonyms</b>	CALML3; calmodulin-like 3; CLP; calmodulin-like protein 3; caM-like protein; calmodulin-related protein NB-1;
<b>Entrez Gene ID</b>	<a href="#">810</a>
<b>Protein Refseq</b>	NP_005176
<b>UniProt ID</b>	<a href="#">P27482</a>
<b>Chromosome Location</b>	10p15.1
<b>Pathway</b>	Adrenergic signaling in cardiomyocytes; Alcoholism; Alzheimers disease; Alzheimers Disease; Amphetamine addiction; Calcium signaling pathway; Circadian entrainment; Dopaminergic synapse;
<b>Function</b>	calcium ion binding; protein binding;