

## CAMTA1 Conjugated Antibody

Catalog No: #C37458



Package Size: #C37458-AF350 100ul #C37458-AF405 100ul #C37458-AF488 100ul  
 #C37458-AF555 100ul #C37458-AF594 100ul #C37458-AF647 100ul  
 #C37458-AF680 100ul #C37458-AF750 100ul #C37458-Biotin 100ul

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## Description

Product Name	CAMTA1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CAMTA1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human calmodulin binding transcription activator 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CANPMR
Accession No.	Swiss-Prot#:Q9Y6Y1NCBI Gene ID:23261NCBI Protein#:NP_003551
Uniprot	Q9Y6Y1
GeneID	23261;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Calmodulin-binding transcription activator 1 is a protein that in humans is encoded by the CAMTA1 gene. Normally expressed in non-neoplastic adult central nervous system tissues: detected in whole brain, cerebellum, brain cortex, occipital lobe, frontal lobe, temporal lobe, putamen. Expression levels are low in oligodendroglial tumors, and are reduced by half in oligodendroglioma and astrocytoma cases with 1p loss of heterozygosity. Detected in neuroblastic-type cultured neuroblastoma cells.

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Note: This product is for in vitro research use only