

## CAST Conjugated Antibody

Catalog No: #C34652



Package Size: #C34652-AF350 100ul #C34652-AF405 100ul #C34652-AF488 100ul  
 #C34652-AF555 100ul #C34652-AF594 100ul #C34652-AF647 100ul  
 #C34652-AF680 100ul #C34652-AF750 100ul #C34652-Biotin 100ul

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## Description

Product Name	CAST Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CAST protein.
Immunogen Description	Synthesized peptide derived from internal of human CAST.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA-directed RNA polymerase I subunit RPA34;A34.5;antisense to ERCC-1;ASE-1;CD3E-associated protein;CAST;CD3-epsilon-associated protein;CD3e-associated protein;CD3EAP;RNA polymerase I-associated factor PAF49;PAF49
Accession No.	Swiss-Prot#:O15446NCBI Gene ID:10849
Uniprot	O15446
GeneID	10849;
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
Calculated MW	55
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

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation. Isoform 2 has been described as a component of preformed T-cell receptor (TCR) complex.

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Note: This product is for in vitro research use only