

## EPPIN Conjugated Antibody

Catalog No: #C37552



Package Size: #C37552-AF350 100ul #C37552-AF405 100ul #C37552-AF488 100ul  
 #C37552-AF555 100ul #C37552-AF594 100ul #C37552-AF647 100ul  
 #C37552-AF680 100ul #C37552-AF750 100ul #C37552-Biotin 100ul

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## Description

Product Name	EPPIN Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total EPPIN protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human epididymal peptidase inhibitor
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CT71; CT72; WAP7; WFDC7; SPINLW1; dJ461P17.2
Accession No.	Swiss-Prot#:O95925NCBI Gene ID:57119NCBI mRNA#:NCBI Protein#:NP_001257918/Q6UW88
Uniprot	O95925
GeneID	100526773;57119;
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	15
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

## Background

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This gene encodes an epididymal protease inhibitor, which contains both kunitz-type and WAP-type four-disulfide core (WFDC) protease inhibitor consensus sequences. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene is a member of the WFDC gene family and belongs to the telomeric cluster. The protein can inhibit human sperm motility, and polymorphisms in this gene are associated with male infertility. Read-through transcription also exists between this gene and the downstream WFDC6 (WAP four-disulfide core domain 6) gene.

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Note: This product is for in vitro research use only