

CAPZA3 Conjugated Antibody

Catalog No: #C36307



Package Size: #C36307-AF350 100ul #C36307-AF405 100ul #C36307-AF488 100ul
 #C36307-AF555 100ul #C36307-AF594 100ul #C36307-AF647 100ul
 #C36307-AF680 100ul #C36307-AF750 100ul #C36307-Biotin 100ul

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Description

Product Name	CAPZA3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CAPZA3 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human capping protein (actin filament) muscle Z-line, alpha 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Gsg3; CAPP3
Accession No.	Swiss-Prot#:Q96KX2NCBI Gene ID:93661NCBI Protein#:BC016745
Uniprot	Q96KX2
GeneID	93661;
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

This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility.

Note: This product is for in vitro research use only