

ZFAND1 Conjugated Antibody

Catalog No: #C42869



Package Size: #C42869-AF350 100ul #C42869-AF405 100ul #C42869-AF488 100ul
 #C42869-AF555 100ul #C42869-AF594 100ul #C42869-AF647 100ul
 #C42869-AF680 100ul #C42869-AF750 100ul #C42869-Biotin 100ul

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Description

Product Name	ZFAND1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZFAND1 protein.
Immunogen Description	Full length fusion protein of human ZFAND1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AN1-type zinc finger protein 1; FLJ14007; ZFAN1; ZFAND1; zinc finger, AN1-type domain 1
Accession No.	Swiss-Prot#:Q8TCF1NCBI Gene ID:79752NCBI mRNA#:BC022251
Uniprot	Q8TCF1
GeneID	79752;
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

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZFAND1 (AN1-type zinc finger protein 1) is a 268 amino acid protein that contains 2 AN1-type zinc fingers, which are often found in proteins that contain a ubiquitin-like domain and therefore play a role in the ubiquitination pathway. AN1-type zinc fingers contains six conserved cysteines and two histidines and have a dimetal (zinc)-bound alpha/beta fold. There are two isoforms of ZFAND1 that are produced as a result of alternative splicing events.

Note: This product is for in vitro research use only