ZNF131 Conjugated Antibody

Catalog No: #C43572

Package Size: #C43572-AF350 100ul #C43572-AF405 100ul #C43572-AF488 100ul #C43572-AF555 100ul #C43572-AF594 100ul #C43572-AF647 100ul #C43572-AF680 100ul #C43572-AF750 100ul #C43572-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ZNF131 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ZNF131 protein.
Immunogen Description	Fusion protein of human ZNF131
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ZBTB35;pHZ-10
Accession No.	Swiss-Prot#:P52739NCBI Gene ID:7690NCBI mRNA#:NCBI Protein#:BC035875
Uniprot	P52739
GeneID	7690;
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	71
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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 Krppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF131 (Zinc finger protein 131) is a 623 amino acid nuclear protein that contains one BTB (POZ) domain and six C2H2-type zinc fingers. With predominant expression found in brain, it is likely that ZNF131 plays a role as a transcription regulator during development and organogenesis of the adult central nervous system. ZNF131 also represses ER? (Estrogen receptor alpha)-mediated transactivation by interrupting ER? binding to the estrogen-response element. There are two isoforms of ZNF131 that are produced as a result of alternative splicing events.

Note: This product is for in vitro research use only