PATZ1 Conjugated Antibody

Catalog No: #C37800

Package Size: #C37800-AF350 100ul #C37800-AF405 100ul #C37800-AF488 100ul #C37800-AF555 100ul #C37800-AF594 100ul #C37800-AF647 100ul #C37800-AF680 100ul #C37800-AF750 100ul #C37800-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PATZ1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PATZ1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human POZ (BTB) and AT hook containing zinc finger 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ZSG; MAZR; PATZ; RIAZ; ZBTB19; ZNF278; dJ400N23
Accession No.	Swiss-Prot#:Q9HBE1NCBI Gene ID:23598NCBI mRNA#:NCBI Protein#:NP_116178
Uniprot	Q9HBE1
GeneID	23598;
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	74
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

The protein encoded by this gene contains an A-T hook DNA binding motif which usually binds to other DNA binding structures to play an important role in chromatin modeling and transcription regulation. Its Poz domain is thought to function as a site for protein-protein interaction and is required for transcriptional repression, and the zinc-fingers comprise the DNA binding domain. Since the encoded protein has typical features of a transcription factor, it is postulated to be a repressor of gene expression.

Note: This product is for in vitro research use only