Gli3 Conjugated Antibody

Catalog No: #C49936

Package Size: #C49936-AF350 100ul #C49936-AF405 100ul #C49936-AF488 100ul #C49936-AF555 100ul #C49936-AF594 100ul #C49936-AF647 100ul #C49936-AF680 100ul #C49936-AF750 100ul #C49936-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Gli3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human Gli3 aa 1300-1600.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACLS antibody DNA binding protein antibody GCPS antibody Gli 3 antibody GLI family zinc finger 3 antibody GLI Kruppel family member GLI 3 antibody GLI Kruppel family member GLI3 (Greig cephalopolysyndactyly syndrome) antibody GLI Kruppel family member GLI3 antibody GLI3 antibody GLI3 C-terminally truncated form antibody GLI3 form of 190 kDa antibody GLI3 form of 83 kDa antibody GLI3 full length protein antibody GLI3-190 antibody GLI3-83 antibody GLI3_HUMAN antibody GLI3FL antibody Glioma associated oncogene family zinc finger 3 antibody Oncogene GLI3 antibody PAP A antibody PAPA 1 antibody PAPA antibody PAPA1 antibody PAPB antibody PHS antibody PPD IV antibody PPDIV antibody Transcriptional activator GLI3 antibody Transcriptional repressor GLI3R antibody Zinc finger protein GLI 3 antibody Zinc finger protein GLI3 antibody
Accession No.	Swiss-Prot#:P10071
Uniprot	P10071
GeneID	2737;
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	190 kDa
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 KroΩ½oΩ½ppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. GLI-3 (GLI family zinc finger 3), also known as GLI3FL (GLI3 full length protein), PHS, ACLS, GCPS, PAPA, PAPB, PAPA1 or PPDIV, is a 1,580 amino acid nuclear and cytoplasmic protein that acts as both a transcriptional activator and a repressor of the Sonic hedgehog (Shh) pathway. A member of the GLI C2H2-type zinc-finger protein family, GLI-3 is encoded by a gene that maps to human chromosome 7p14.1. Defects in the GLI-3 gene are the cause of a disorder known as Greig cephalo-poly-syndactyly syndrome (GCPS), which affects limb and craniofacial development.

Note: This product is for in vitro research use only