

For Research Use Only

CoraLite®594-conjugated GLI2-Specific Polyclonal antibody



Catalog Number: CL594-18989

Featured Product

Basic Information

Catalog Number: CL594-18989	GenBank Accession Number: NM_001081125	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 14633	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Source: Rabbit	Full Name: GLI-Kruppel family member GLI2	
Isotype: IgG	Calculated MW: 168 kDa	
	Observed MW: 167 kDa 88 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

GLI2, also named as THP, belongs to the GLI C2H2-type zinc-finger protein family. GLI2 play a role during embryogenesis. It binds to the DNA sequence 5'-GAACCACCCA-3' which is part of the TRE-25 regulatory element that augments the Tax-dependent enhancer of human T-cell leukemia virus type 1. It is implicated in the transduction of SHH signal. Mutation of GLI2 will cause of holoprosencephaly type 9 (HPE9). Four possible isoforms (hGli2a, b, g, and d) are formed by combinations of two independent alternative splittings, and all the isoforms could bind to a DNA motif, TRE25. hGli2 a, b, g, and d. These isoforms encode 133-, 131-, 88-, and 86-kDa proteins, respectively.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

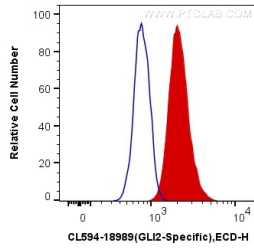
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Mouse GLI2-Specific (CL594-18989) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).