

For Research Use Only

Ch-TOG Polyclonal antibody

Catalog Number: 26457-1-AP **1 Publications**



Basic Information

Catalog Number: 26457-1-AP	GenBank Accession Number: BC120869	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9793	Recommended Dilutions: WB 1:1000-1:6000 IF 1:50-1:500
Source: Rabbit	Full Name: cytoskeleton associated protein 5	
Isotype: IgG	Observed MW: 220 kDa	
Immunogen Catalog Number: AG24875		

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, NCCIT cells, HepG2 cells, MCF-7 cells IF : HeLa cells,

Background Information

Ch-TOG (colonic hepatic tumor-overexpressed gene), also known as XMAP215 or CKAP5, is a microtubule polymerase which can promotes cytoplasmic microtubule nucleation and elongation. Through interacting with Aurora-A and TACC3, it plays a major role in organizing spindle poles.

Notable Publications

Author	Pubmed ID	Journal	Application
Angela Flavia Serpico	35081344	Cell Rep	

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

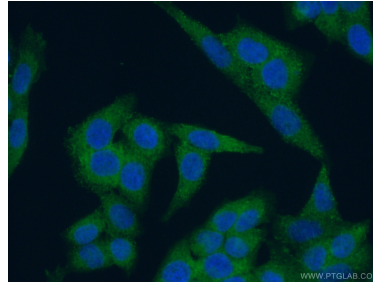
For technical support and original validation data for this product please contact:
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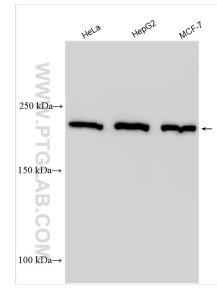
Selected Validation Data



NCCIT cell were subjected to SDS PAGE followed by western blot with 26457-1-AP (Ch-TOG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 26457-1-AP (Ch-TOG antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 26457-1-AP (Ch-TOG antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.