

CoraLite® Plus 488-conjugated TRAK2 Polyclonal antibody

Catalog Number: **CL488-13770**

Basic Information

Catalog Number:

CL488-13770

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4753

GenBank Accession Number:

BC040668

GeneID (NCBI):

66008

UNIPROT ID:

O60296

Full Name:

trafficking protein, kinesin binding 2

Calculated MW:

914 aa, 101 kDa

Observed MW:

101-106 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

Trafficking kinesin-binding protein 2 (TRAK2) is a member of the TRAK family of kinesin adaptor proteins. In mammals, there are two members of the TRAK family, TRAK1 and TRAK2 (PMID: 25653102). TRAK1 and TRAK2 play roles in lysosomal and mitochondrial trafficking in cells. They function as kinesin adaptors linking kinesin heavy chain (KHC) to mitochondria (PMID: 28364549). TRAK2 has been found to act as a trafficking factor for the K⁺ channel Kir2.1 and γ -Aminobutyric acid type A (GABAA) receptor (PMID: 16895905; 24122114).

Storage

Storage:

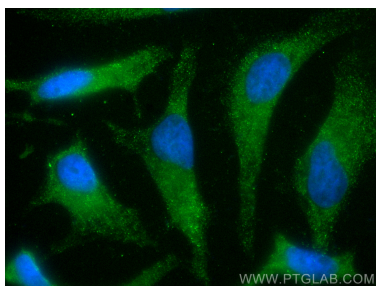
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 TRAK2 antibody (CL488-13770) at dilution of 1:200.