

For Research Use Only

CoraLite® Plus 488-conjugated KCTD2/5/17 Polyclonal antibody

Catalog Number: CL488-15553

Featured Product



Basic Information

Catalog Number:

CL488-15553

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7915

GenBank Accession Number:

BC007314

GeneID (NCBI):

54442

UNIPROT ID:

Q9NXV2

Full Name:

potassium channel tetramerisation domain containing 5

Calculated MW:

26 kDa

Observed MW:

26 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

KCTD5 belongs to the human potassium (K⁺) channel tetramerization domain (KCTD) family of proteins which share sequence similarity with the cytoplasmic domain of voltage-gated K⁺ channels (Kv channels). The KCTD proteins have relatively conserved N-terminal domains and variable C-termini (PMID: 24268103). KCTD5 interacts with cullin3 and has been proposed to function as substrate adapter for cullin3 based ubiquitin E3 ligases (PMID: 26188516). This polyclonal antibody raised against full-length recombinant protein of human KCTD5 (26 kDa) can cross-react with other KCTD proteins, including KCTD2 (29 kDa), KCTD17 (33-36 kDa).

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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



Immunofluorescent analysis of (-20°C Ethanol)
fixed HeLa cells using Coralite® Plus 488
KCTD2/5/17 antibody (CL488-15553) at dilution of
1:200.