For Research Use Only

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

Catalog Number:CL488-15553 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-15553

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:
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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.