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Datasheet for ABIN5000205 **anti-CLLD6 antibody (Alexa Fluor 680)**

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | CLLD6 (C13orf1) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CLLD6 antibody is conjugated to Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human CLLD6/C13orf1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | CLLD6 (C13orf1) |
| Alternative Name: | CLLD6 (C13orf1 Products) |
| Background: | <p>Synonyms: Chromosome 13 open reading frame 1, Chronic lymphocytic leukemia deletion region gene 6 protein, CLL deletion region gene 6 protein, CLLD 6, CLLD6, Hypothetical protein LOC57213, SPRY7_HUMAN.</p> <p>Background: CLLD6, is a 196 amino acid protein that contains one B30.2/SPRY domain.</p> |

Target Details

Expression of CLLD6 is found at highest levels in heart, skeletal muscle and testis, with lower levels found in thymus, peripheral blood leukocytes, lymph node and bone marrow. Existing as two alternatively spliced isoforms, CLLD6 maps to human chromosome 13, which comprises nearly 4 % of human DNA and contains about 114 million base pairs and 400 genes. Key tumor suppressor genes on chromosome 13 include the breast cancer susceptibility gene, BRCA2, and the RB1 (retinoblastoma) gene. RB1 encodes a crucial tumor suppressor protein which, when defective, leads to malignant growth in the retina and has been implicated in a variety of other cancers. The gene SLITRK1, which is associated with Tourette syndrome, is on chromosome 13. As with most chromosomes, polysomy of part or all of chromosome 13 is deleterious to development and decreases the odds of survival.

Application Details

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|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |