

REEP5 Polyclonal Antibody Cy3 Conjugated

Catalog No: #C07989Cy3

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Description

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|-----------------------|--|
| Product Name | REEP5 Polyclonal Antibody Cy3 Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | ICC IF |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human REEP5 |
| Conjugates | Cy3 |
| Target Name | REEP5 |
| Other Names | C5orf18; DP1; Polyposis locus protein 1; Receptor expression enhancing protein 5; Receptor expression-enhancing protein 5; TB2; TB2 protein; D5S346;REEP5_HUMAN. |
| Accession No. | NCBI Gene ID:7905 |
| Uniprot | Q00765 |
| GeneID | 7905; |
| Excitation Emission | 512,550nm 570,615nm |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

ICC=1:50-200 IF=1:50-200

Background

REEP5 is a 189 amino acid multi-pass membrane protein. Thought to promote the functional cell surface expression of olfactory receptors, REEP5 belongs to the DP1 family and is encoded by a gene that maps to chromosome 5. With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. Chromosome 5 is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Note: This product is for in vitro research use only