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Rabbit Anti-REEP5 antibody

SL9481R

Product Name:	REEP5
Chinese Name:	受体表达蛋白5/息肉相关蛋白抗体
Alias:	C5orf18; DP1; Polyposis locus protein 1; Receptor expression enhancing protein 5; Receptor expression-enhancing protein 5; TB2; TB2 protein; D5S346;REEP5_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	21kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human REEP5:101-189/189
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:
May promote functional cell surface expression of olfactory receptors.

Subunit:
Interacts with ATL1 (By similarity). Interacts with ATL2.

Subcellular Location:
Membrane; Multi-pass membrane protein (Potential).

Similarity:
Belongs to the DP1 family.

SWISS:
Q00765

Gene ID:
7905

Database links:

Entrez Gene: 7905Human

Entrez Gene: 13476Mouse

Entrez Gene: 364838Rat

Omim: 125265Human

SwissProt: Q00765Human

SwissProt: Q60870Mouse

SwissProt: B2RZ37Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.