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Rabbit Anti-C1orf2 antibody

SL9782R

Product Name:	C1orf2
Chinese Name:	1号染色体开放阅读框2抗体
Alias:	Chromosome 1 open reading frame 2; COTE1; F189B_HUMAN; FAM189B; Family with sequence similarity 189 member B; Hypothetical protein LOC10712; Protein COTE1; Protein FAM189B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	72kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C1orf2:151-250/668
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:	COTE1, also known as FAM189B (family with sequence similarity 189, member B), is a 668 amino acid multi-pass membrane protein that is widely expressed and belongs to the FAM189 family. Existing as two alternatively spliced isoforms, COTE1 is encoded by a gene that maps to human chromosome 1q22. As the largest human chromosome, chromosome 1 spans about 260 million base pairs and makes up approximately 8% of

the human genome. Hutchinson-Gilford progeria, a rare aging disorder, is associated with the LMNA gene which is located on chromosome 1. Familial adenomatous polyposis, Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

Subcellular Location:
Membrane.

Tissue Specificity:
Widely expressed.

Similarity:
Belongs to the FAM189 family.

SWISS:
P81408

Gene ID:
10712

Database links:

Entrez Gene: 10712Human

Entrez Gene: 68521Mouse

Entrez Gene: 310640Rat

SwissProt: P81408Human

SwissProt: Q5HZJ5Mouse

Unigene: 348308Human

Unigene: 274708Mouse

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