www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

C19orf18

Reactivity: Human

Tested applications:WB IHC FC

Recommended Dilution:WB 1:200 - 1:500 IHC 1:50 - 1:100 FC 1:20 - 1:50

Calculated MW:24kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human C19orf18

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Uncharacterized protein C19orf18;C19orf18

Catalog #:A1488

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:147685

Isotype: IgG

Swiss Prot:Q8NEA5

Purity: Affinity purification

For research use only.

Background:

C19orf18 (chromosome 19 open reading frame 18) is a 215 amino acid single-pass type I membrane protein that is encoded by a gene located on human chromosome 19. Chromosome 19 consists of approximately 63 million bases and makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3.

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