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Rabbit Anti-C19orf50/AF350 Conjugated antibody

SL13786R-AF350

Product Name	Anti-C19orf50/AF350
Chinese Name	AF350 标记的 19 号染色体开放阅读框 50 抗体
Alias	Chromosome 19 open reading frame 50; FLJ25480; Hypothetical protein LOC79036; KXD1; KxDL motif-containing protein 1; KXDL1_HUMAN; MGC2749; MST096; MSTP096; UPF0459 protein C19orf50.
Research Area	Cell biology Diabetes
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Pig,Cow,Horse,Sheep)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	20kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human C19orf50
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** C19orf50 is a 179 amino acid 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 Fcα 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.

Function:
Involved in endosomal cargo sorting.

Similarity:
Belongs to the KXD1 family.

Database links:

Entrez Gene: 79036 Human

SwissProt: Q9BQD3 Human

Unigene: 740548 Human

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