



Rabbit Anti-Focadhesin antibody

SL16158R

Product Name:	Focadhesin
Chinese Name:	Focadhesin蛋白抗体
Alias:	FOCAD; FOCAD_HUMAN; Focadhesin; KIAA1797.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,
Applications:	ELISA=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:	200kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Focadhesin:1-100/1801
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:	Chromosome 9 consists of about 145 million bases and 4% of the human genome and encodes nearly 900 genes. Considered to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably,

chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of BCR-ABL fusion protein often found in leukemias. The KIAA1797 gene product has been provisionally designated KIAA1797 pending further characterization.

Function:

Potential tumor suppressor in gliomas.

Subunit:

Interacts with VCL.

Subcellular Location:

Membrane. Cell junction; focal adhesion. Colocalizes with VCL in astrocytes.

Tissue Specificity:

Ubiquitous. High expression in brain followed by testis, muscle, pancreas, heart, ovary, small intestine, placenta, prostate, thymus, kidney, colon, liver, lung, spleen and leukocytes. Expression is reduced in most glioblastomas and all glioblastoma cell lines.

SWISS:

Q5VW36

Gene ID:

54914

Database links:

[Entrez Gene: 54914](#) Human

[SwissProt: Q5VW36](#) Human

[Unigene: 136247](#) Human

Important Note:

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