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Rabbit Anti-C2orf49 antibody

SL15150R

Product Name:	C2orf49
Chinese Name:	2号染色体开放阅读框49抗体
Alias:	Ashwin; asw; Chromosome 2 open reading frame 49; FLJ45759; MGC5509; ASHWN_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Sheep,
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:	26kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C2orf49:141-232/232
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 癈 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癈. 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 癈.
PubMed:	PubMed
Product Detail:	C2orf49 (chromosome 2 open reading frame 49), also known as asw, Ashwin, MGC5509 or FLJ45759, is a 232 amino acid member of the ashwin family and is encoded by a gene located on human chromosome 2q12.2. The second largest human chromosome, chromosome 2 consists of 237 million bases encoding over 1,400 genes and making up approximately 8% of the human genome. A number of genetic diseases

	are linked to genes on chromosome 2. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr鳇 syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes. **Subunit:** Component of the tRNA-splicing ligase complex. **Similarity:** Belongs to the ashwin family. **SWISS:** Q9BVC5 **Gene ID:** 79074 **Database links:** Entrez Gene: 79074Human Entrez Gene: 98404Mouse Entrez Gene: 301374Rat SwissProt: Q9BVC5Human SwissProt: Q922M7Mouse SwissProt: Q5RJT0Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.