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Rabbit Anti-FAM46A antibody

SL14995R

Product Name:	FAM46A
Chinese Name:	FAM46A蛋白抗体
Alias:	C6orf37; Chromosome 6 open reading frame 37; D930050G01Rik; FA46A_HUMAN; FAM46A; Family with sequence similarity 46, member A; FLJ20037; FLJ31495; HBV X-transactivated gene 11 protein; HBV XAg-transactivated protein 11; Hypothetical protein LOC55603; OTTHUMP00000016782; Protein FAM46A; Retinal expressed gene C6orf37; RGD1311381; XTP11.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
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:	50kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FAM46A:201-300/442
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:	Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence

	of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The FAM46A gene product has been provisionally designated FAM46A pending further characterization. **Tissue Specificity:** Widely expressed, with preferential expression observed in the retina compared to other ocular tissues. **Similarity:** Belongs to the FAM46 family. **SWISS:** Q96IP4 **Gene ID:** 55603 **Database links:** Entrez Gene: 55603 Human Entrez Gene: 212943 Mouse Omim: 611357 Human SwissProt: Q96IP4 Human Unigene: 10784 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.