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Rabbit Anti-ANKRD22/FITC Conjugated antibody

SL9748R-FITC

Product Name:	Anti-ANKRD22/FITC
Chinese Name:	FITC标记的锚蛋白重复结构域蛋白22抗体
Alias:	Ankrd22; Ankyrin repeat domain 22; Ankyrin repeat domain-containing protein 22; ANR22_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANKRD22
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.
Product Detail:	**background:** Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes lead to severe genetic diseases, such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD22 (ankyrin repeat domain 22) is a 191 amino acid protein that contains four ANK repeats. Conserved in chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, ANKRD22 is encoded by a gene that maps to human chromosome 10. Chromosome 10 encodes nearly 1,200 genes within 135 million bases, making up approximately 4.5% of the human genome. Several protein-coding genes, including

	those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria. **Similarity:** Contains 4 ANK repeats. **Database links:** Entrez Gene: 118932Human Entrez Gene: 52024Mouse SwissProt: Q5VYY1Human SwissProt: Q9D3J5Mouse Unigene: 217484Human Unigene: 183030Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.