



Rabbit Anti-ANKRD5 antibody

SL12158R

Product Name:	ANKRD5
Chinese Name:	锚蛋白重复域5抗体
Alias:	ANKR5_HUMAN; ANKRD 5; ANKRD5; Ankyrin repeat domain 5; Ankyrin repeat domain containing protein 5; Ankyrin repeat domain-containing protein 5; dJ839B4.6; FLJ21669.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Sheep,
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:	87kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANKRD5:1-100/776
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:	ANKRD5 is a 776 amino acid protein that contains one calcium-binding EF-hand domain and 8 ankyrin repeats. The gene encoding ANKRD5 maps to chromosome 20. Comprising approximately 2% of the human genome, chromosome 20 contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring

chromosome 20 epilepsy syndrome and Alagille syndrome. Additionally, chromosome 20 contains a region with numerous genes which are thought important for seminal production and may be potential targets for male contraception.

Similarity:

Contains 8 ANK repeats.

Contains 1 EF-hand domain.

SWISS:

Q6NXT1

Gene ID:

129138

Database links:

[Entrez Gene: 129138](#) Human

[Entrez Gene: 223690](#) Mouse

[Entrez Gene: 362957](#) Rat

[Omim: 613383](#) Human

[SwissProt: Q6NXT1](#) Human

[SwissProt: Q91WK7](#) Mouse

[SwissProt: Q566C8](#) Rat

[Unigene: 135259](#) Human

[Unigene: 24262](#) Mouse

[Unigene: 28758](#) Rat

Important Note:

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