

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.

Research Area Cell biology Neurobiology Signal transduction

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat(predicted:Human,Mouse,Pig,Cow,Sheep)
IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 87kDa

Cellular localization The nucleus cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human ANKRD5: 1-100/776

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed [PubMed](#)

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

**Product
Detail**

Database links:

[Entrez Gene: 129138](#) Human

[Entrez Gene: 223690](#) Mouse

[Entrez Gene: 362957](#) Rat

[Omim: 613383](#) Human

[SwissProt: Q6NXT1](#) Human

[SwissProt: Q91WK7](#) Mouse

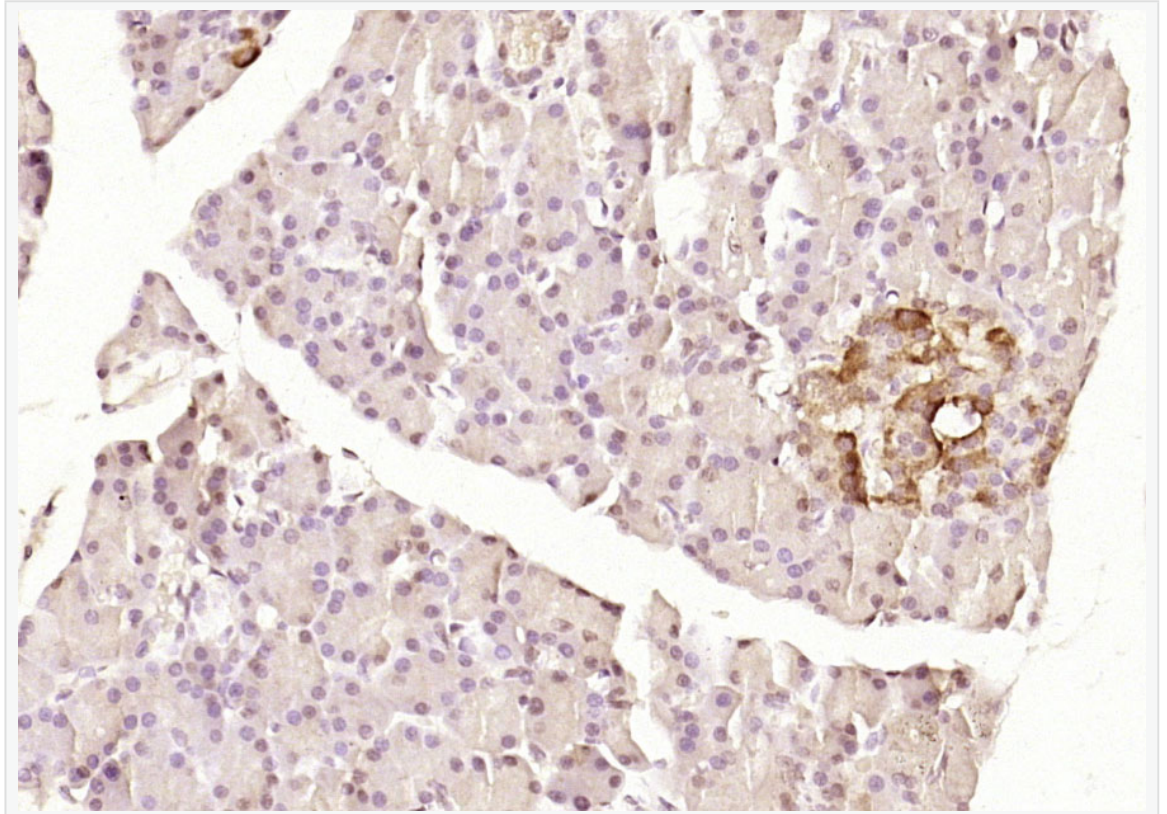
[SwissProt: Q566C8](#) Rat

[Unigene: 135259](#) Human

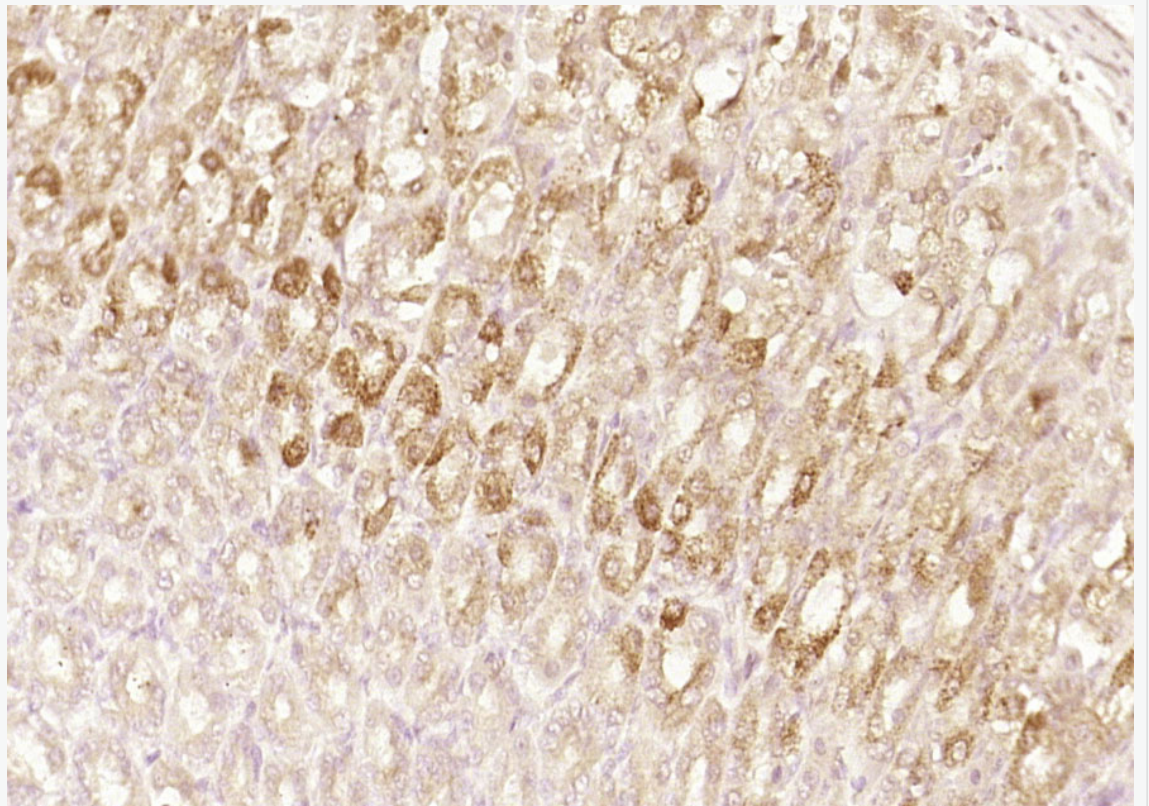
[Unigene: 24262](#) Mouse

[Unigene: 28758](#) Rat

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ANKRD5) Polyclonal Antibody, Unconjugated (SL12158R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ANKRD5) Polyclonal Antibody, Unconjugated (SL12158R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.