



Rabbit Anti-ANKRD9 antibody

SL7964R

Product Name:	ANKRD9
Chinese Name:	锚蛋白重复结构域蛋白9抗体
Alias:	Ankyrin repeat domain-containing protein 9; 2500003O20Rik; ANKR9_HUMAN; Ankrd9; Ankyrin repeat domain 9; MGC21990.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	34kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANKRD9:21-200/317
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:	ANKRD9 is a 317 amino acid protein that contains three ANK repeats. Encoded by a gene that maps to human chromosome 14q32.31, ANKRD9 is conserved in chimpanzee, dog, cow, mouse, rat and zebrafish. Hepatic mRNA levels of ANKRD9 are repressed by both thyroid hormone (T(3)) and fasting, and re-elevate by feeding after fasting. ANKRD9 mRNA levels also decrease in response to apoptosis. Localizing to cytoplasm, ANKRD9 may be involved in intracellular lipid accumulation and lipid metabolism.

ANKRD9 may also function as a molecular chaperone

Similarity:

Contains 3 ANK repeats.

SWISS:

Q96BM1

Gene ID:

122416

Database links:

[Entrez Gene: 122416](#) Human

[Entrez Gene: 74251](#) Mouse

[Entrez Gene: 314457](#) Rat

[SwissProt: Q96BM1](#) Human

[SwissProt: Q8BH83](#) Mouse

[SwissProt: Q6P755](#) Rat

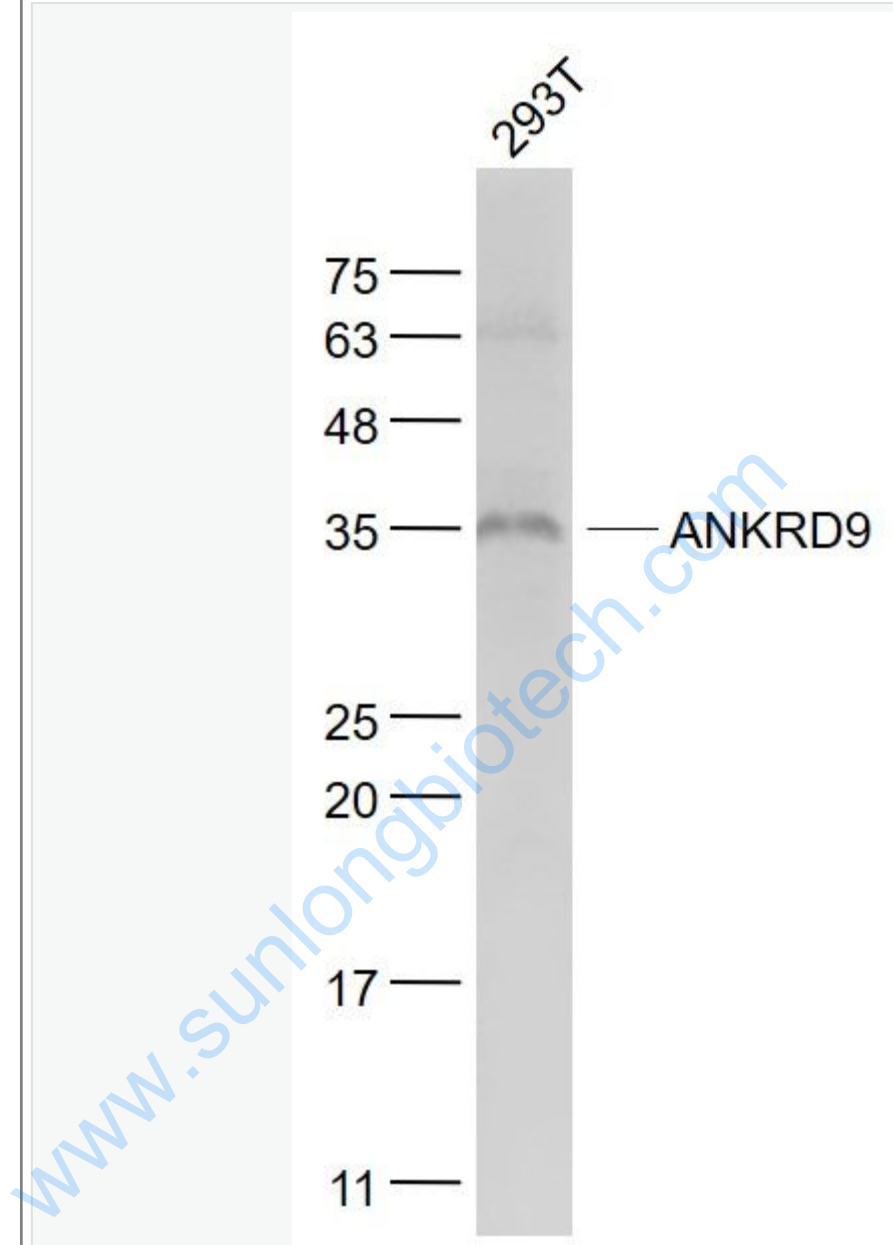
[Unigene: 432945](#) Human

[Unigene: 250989](#) Mouse

Important Note:

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

Picture:



Sample:

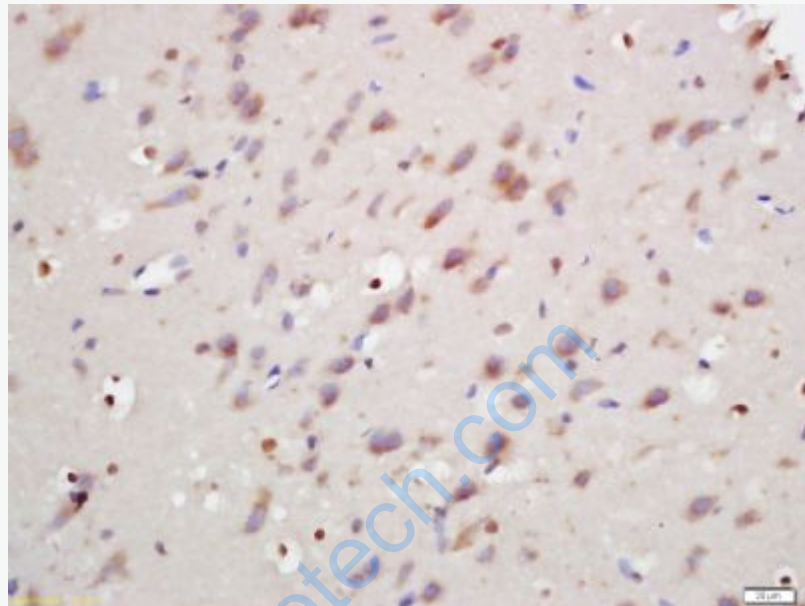
293T(Human) Cell Lysate at 30 ug

Primary: Anti- ANKRD9 (SL7964R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 34 kD

Observed band size: 35 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-ANKRD9 Polyclonal Antibody, Unconjugated(SL7964R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining