



Rabbit Anti-PDZD9 antibody

SL9632R

Product Name:	PDZD9
Chinese Name:	PDZ结构域PDZK9蛋白抗体
Alias:	PDZ domain containing 9; PDZ domain containing protein 9; PDZD 9; PDZK-9.\; PDZD9_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=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:	30kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PDZD9:51-150/264
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:	PDZD9 (PDZ domain containing 9) is a 264 amino acid protein that contains one PDZ (DHR) domain and participates in protein binding. Conserved in chimpanzee, dog, cow, mouse and rat, PDZD9 exists as two alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 16p12.1. Chromosome 16 encodes over 900 genes, approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. Giant axonal neuropathy, a nervous

system disorder characterized by increasing malfunction with growth, and the rare disorder Rubinstein-Taybi syndrome, characterized by mental retardation and predisposition to tumor growth and white blood cell neoplasias, are associated with chromosome 16. Crohn's disease, a gastrointestinal inflammatory condition, and systemic lupus erythematosus are also associated with chromosome 16.

Similarity:

Contains 1 PDZ (DHR) domain.

SWISS:

Q8IXQ8

Gene ID:

255762

Database links:

[Entrez Gene: 255762](#)Human

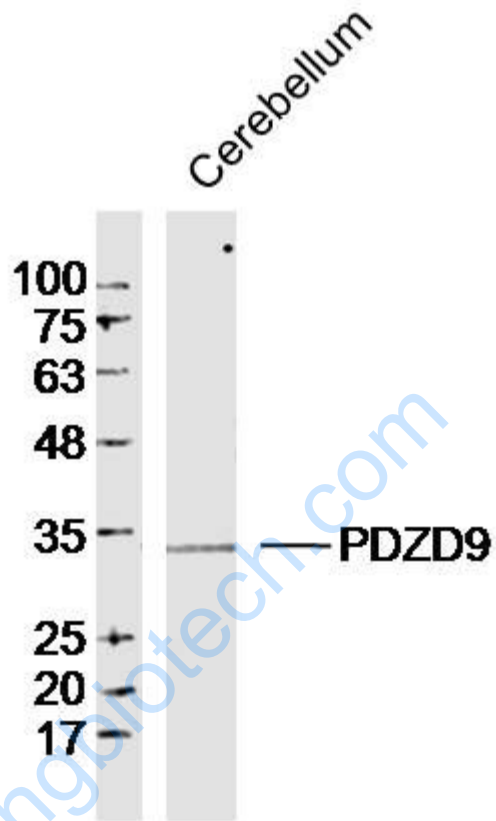
[SwissProt: Q8IXQ8](#)Human

[Unigene: 98244](#)Human

Important Note:

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

Picture:



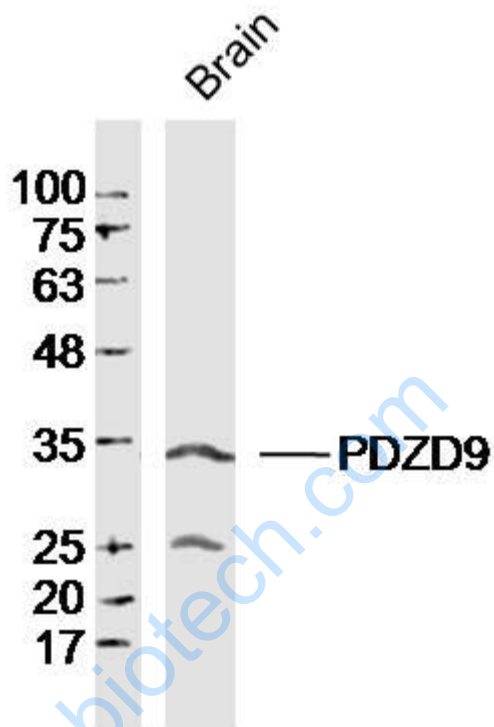
Sample: Cerebellum (Mouse) Lysate at 40 ug

Primary: Anti-PDZD9 (SL9632R) at 1/300 dilution

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

Predicted band size: 30kD

Observed band size: 30kD



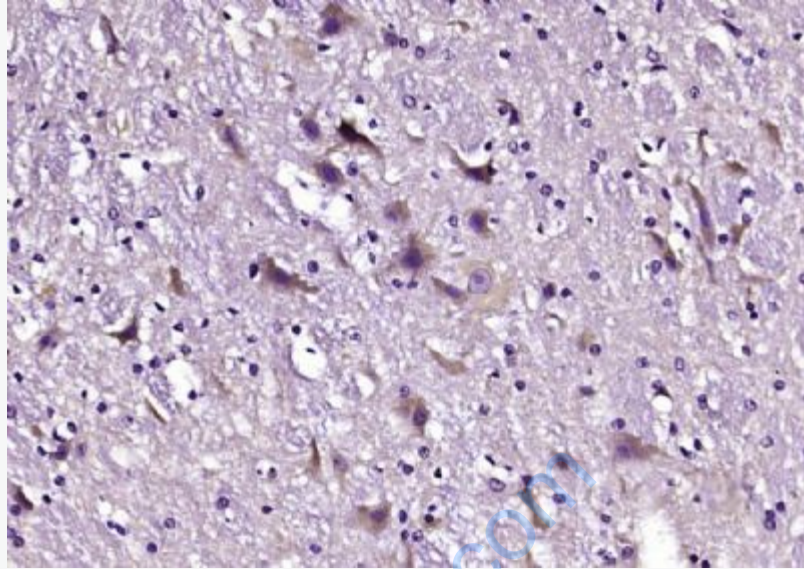
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Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PDZD9) Polyclonal Antibody, Unconjugated (SL9632R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.