



Rabbit Anti-EPDR1 antibody

SL5837R

Product Name:	EPDR1
Chinese Name:	哺乳动物室管膜相关蛋白1抗体
Alias:	EPDR; Ependymin related protein 1 (zebrafish); Mammalian ependymin related protein 1; MERP 1; MERP1; UCC1; Upregulated in colorectal cancer gene 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,
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:	25kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EPDR1:31-130/224
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:	EPDR1 is a type II transmembrane protein and is similar to two families of cell adhesion molecules, the protocadherins and ependymins. It may play a role in calcium dependent cell adhesion. There are two named isoforms. Subunit: Secreted.

Similarity:
Belongs to the ependymin family.

SWISS:
Q9UM2

Gene ID:
54749

Database links:

[Entrez Gene: 54749](#)Human

[Entrez Gene: 291180](#)Rat

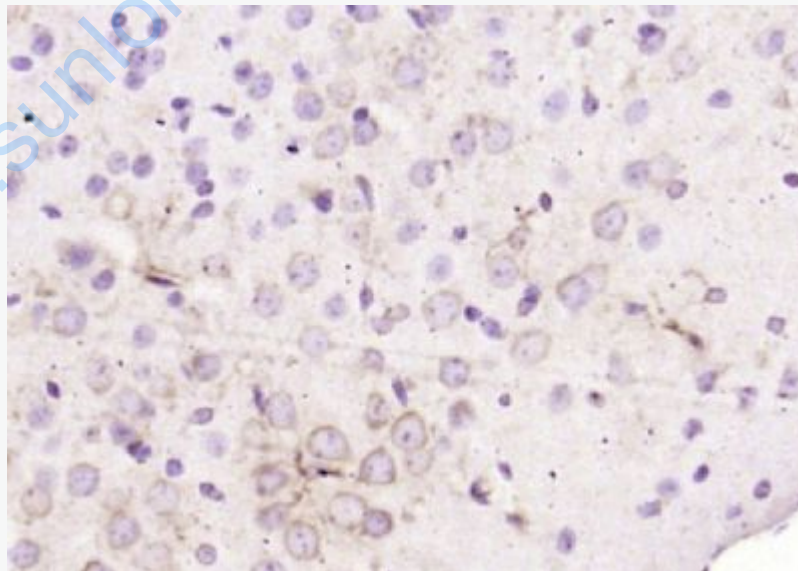
[SwissProt: Q9UM22](#)Human

[SwissProt: Q5XII0](#)Rat

Important Note:

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

Picture:



Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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 (EPDR1) Polyclonal Antibody, Unconjugated (SL5837R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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