

# EPDR1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17258c

## Product Information

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|-------------------|-------------------------------------------------------------------------------|
| Application       | WB, E                                                                         |
| Primary Accession | <a href="#">Q9UM22</a>                                                        |
| Other Accession   | <a href="#">Q9N0C7</a> , <a href="#">A6QLI0</a> , <a href="#">NP_060019.1</a> |
| Reactivity        | Human                                                                         |
| Predicted         | Bovine, Monkey, Mouse, Rat, Canine, Rabbit                                    |
| Host              | Rabbit                                                                        |
| Clonality         | Polyclonal                                                                    |
| Isotype           | Rabbit IgG                                                                    |
| Clone Names       | RB37247                                                                       |
| Calculated MW     | 25437                                                                         |
| Antigen Region    | 133-161                                                                       |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 54749                                                                                                                                                                        |
| Other Names        | Mammalian endymin-related protein 1, MERP-1, Upregulated in colorectal cancer gene 1 protein, EPDR1, MERP1, UCC1                                                             |
| Target/Specificity | This EPDR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-161 amino acids from the Central region of human EPDR1.          |
| Dilution           | WB~~1:1000 E~~Use at an assay dependent concentration.                                                                                                                       |
| Format             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| Precautions        | EPDR1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

## Protein Information

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|----------|-------------|
| Name     | EPDR1       |
| Synonyms | MERP1, UCC1 |

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|--------------------------|-------------------------------------------------------------------------------------------|
| <b>Function</b>          | Binds anionic lipids and gangliosides at acidic pH.                                       |
| <b>Cellular Location</b> | Lysosome lumen. Secreted. Note=Lysosomal and also secreted.                               |
| <b>Tissue Location</b>   | Ubiquitous. Detected in brain, heart, skeletal muscle, kidney, testis, ovary and prostate |

## Background

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The protein encoded by this gene is a type II transmembrane protein and is similar to two families of cell adhesion molecules, the protocadherins and ependymins. This protein may play a role in calcium dependent cell adhesion. [provided by RefSeq].

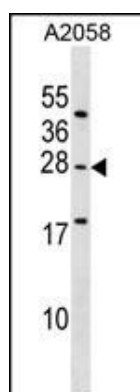
## References

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Rivadeneira, F., et al. Nat. Genet. 41(11):1199-1206(2009)  
Suga, T., et al. Int. J. Radiat. Oncol. Biol. Phys. 72(3):808-813(2008)  
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## Images

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EPDR1 Antibody (Center) (Cat. #AP17258c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the EPDR1 antibody detected the EPDR1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.