

EPDR1 Rabbit pAb

Catalog # AP97281

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UM22
Other Accession	Q9UM22
Reactivity	Mouse
Predicted	Rat, Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25437
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EPDR1
Epitope Specificity	31-130/224
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ependymin family.
SUBUNIT	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	54749
Other Names	EPDR; MERP-1; MERP1; UCC1; Epdr2; MERP2; EPDR1_HUMAN; EPDR1; Upregulated in colorectal cancer gene 1 protein; EPDR1_RAT; ependymin related 1; ependymin related protein 1 (zebrafish)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	EPDR1
Synonyms	MERP1, UCC1

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

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