

## Rabbit anti-Mouse, Rat Preprovasopressin (VP) Polyclonal Antibody | anti-VP antibody

Polyclonal Antibody to Preprovasopressin (VP)

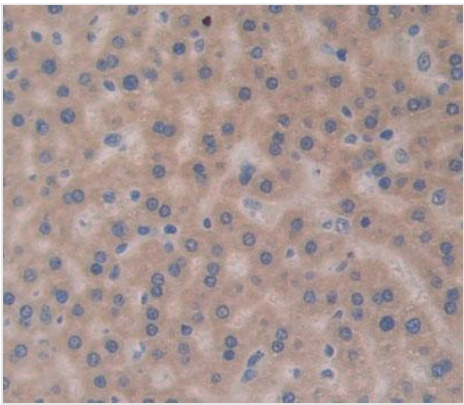
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA133233 | Rabbit | Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

### PRODUCT SYNONYMS

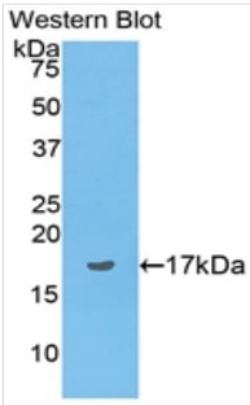
Preprovasopressin (VP); Polyclonal Antibody; Polyclonal Antibody to Preprovasopressin (VP); anti-VP antibody

### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                                                        |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                                                                                                                                                                                 |
| Reactivity                                   | Mouse, Rat                                                                                                                                                                                                                                                                             |
| Clonality                                    | Polyclonal                                                                                                                                                                                                                                                                             |
| Specificity                                  | The antibody is a rabbit polyclonal antibody raised against VP. It has been selected for its ability to recognize VP in immunohistochemical staining and western blotting.                                                                                                             |
| Purity/Purification                          | Affinity Chromatography                                                                                                                                                                                                                                                                |
| Form/Format                                  | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                             |
| Concentration                                | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                               |
| Sequence                                     | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-CYFQNCPR GGKRATSDME LRQCLPCGPG GKGRCFGPSI CCADELGCFL<br>GTAEALRCQE ENYLSPCQS GQKPCGSGGR CAAAGICCS D ESCVAEPECR EGFFRLTRAR EQSNATQLDG<br>PARELLRLV QLAGTQESVD SAKPRVY |
| Applicable Applications for anti-VP antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                        |
| Immunogen                                    | Recombinant VP (Cys24~Tyr268) expressed in E.coli.                                                                                                                                                                                                                                     |
| Cross Reactivity                             | Rat                                                                                                                                                                                                                                                                                    |
| Conjugated Antibody                          | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                  |
| Preparation and Storage                      | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                          |



IHC (Immunohistochemistry)  
DABstainingonIHC-P.Samples:RatTissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 291327518                                        |
| NCBI GeneID                      | 24221                                            |
| NCBI Accession #                 | NP_058688.2                                      |
| NCBI GenBank Nucleotide #        | NM_016992.2                                      |
| UniProt Accession #              | P01186                                           |
| Molecular Weight                 | 17,923 Da                                        |
| NCBI Official Full Name          | vasopressin-neurophysin 2-copeptin preproprotein |
| NCBI Official Synonym Full Names | arginine vasopressin                             |
| NCBI Official Symbol             | Avp                                              |
| NCBI Official Synonym Symbols    | DI; VP; Vas                                      |
| NCBI Protein Information         | vasopressin-neurophysin 2-copeptin               |
| UniProt Protein Name             | Vasopressin-neurophysin 2-copeptin               |
| UniProt Gene Name                | Avp                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.