

Datasheet for ABIN286067  
**anti-Vasopressin antibody**



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1 Publication

## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | Vasopressin (AVP)  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This Vasopressin antibody is un-conjugated                                   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

|                             |   |
|-----------------------------|---|
| Immunogen:                  | Vasopressin antibody was raised in rabbit using arginine vasopressin-thyroglobulin as the immunogen.        |
| Specificity:                | This monoclonal antibody reacts with both free and conjugated FITC.   |
| Cross-Reactivity (Details): | This antibody reacts with rat, mouse, human, sheep and rabbit. Less than 1% cross-reactivity with oxytocin. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Vasopressin (AVP)   |
| Alternative Name: | Vasopressin ( <a href="#">AVP Products</a> )  |
| Background:       | Arginine vasopressin (AVP) is a neurohypophysial hormone found in most mammals, including humans. Vasopressin is a peptide hormone that controls the reabsorption of molecules in the tubules of the kidneys by affecting the tissue's permeability. It also increases peripheral |

## Target Details

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vascular resistance, which in turn increases arterial blood pressure. It plays a key role in homeostasis, and the regulation of water, glucose, and salts in the blood.

Pathways: [cAMP Metabolic Process](#)

## Application Details

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Application Notes: ICC: 1:1,000-1:200,000, IHC: 1:5,000-1:10,000, WB: 1:1,000  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: Serum, with 0.1 % NaN<sub>3</sub>.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.

## Publications

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Product cited in: Aujla, Bora, Monahan, Sweedler, Raetzman: "The Notch effector gene Hes1 regulates migration of hypothalamic neurons, neuropeptide content and axon targeting to the pituitary." in: **Developmental biology**, Vol. 353, Issue 1, pp. 61-71, (2011) ([PubMed](#)).