



[Go to Product page](#)

Datasheet for ABIN1857814  
**anti-Vitamin K1 antibody**

### Overview

Quantity:	100 µL
Target:	Vitamin K1
Reactivity:	General
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vitamin K1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Small Molecule, VK1 conjugated to OVA
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VK1. It has been selected for its ability to recognize VK1 in immunohistochemical staining and western blotting.
Characteristics:	Chemical Formula: C <sub>31</sub> H <sub>46</sub> O <sub>2</sub> Molecular Mass: 450.70 g/mol
Purification:	Antigen-specific affinity chromatography

### Target Details

Target:	Vitamin K1
Alternative Name:	Vitamin K1 (VK1) ( <a href="#">Vitamin K1 Products</a> )

## Target Details

---

Background: Alternative Names: Phylloquinone, Phytonadione, Phytomenadione

## Application Details

---

Application Notes: 

- Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: 4 °C

Storage Comment: Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.

Expiry Date: 12 months