

Product datasheet for TA343292

VKORC1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-VKORC1 antibody is: synthetic peptide directed towards the N-

terminal region of VKORC1. Synthetic peptide located within the following region:

LHVKAARARDRDYRALCDVGTAISCSRVFSSRLPADTLGLCPDAAELPGV

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 10 kDa

Gene Name: vitamin K epoxide reductase complex subunit 1

Database Link: NP 996560

Entrez Gene 79001 Human

Q9BQB6



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VKORC1 Rabbit Polyclonal Antibody - TA343292

Background:

Vitamin K is essential for blood clotting but must be enzymatically activated. This enzymatically activated form of vitamin K is a reduced form required for the carboxylation of glutamic acid residues in some blood-clotting proteins. The product of this gene encodes the enzyme that is responsible for reducing vitamin K 2,3-epoxide to the enzymatically activated form. Fatal bleeding can be caused by vitamin K deficiency and by the vitamin K antagonist warfarin, and it is the product of this gene that is sensitive to warfarin. In humans, mutations in this gene can be associated with deficiencies in vitamin-K-dependent clotting factors and, in humans and rats, with warfarin resistance. Two pseudogenes have been identified on chromosome 1 and the X chromosome. Two alternatively spliced transcripts encoding different isoforms have been described.

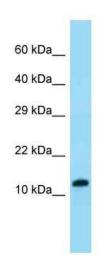
Synonyms: EDTP308; MST134; MST576; VKCFD2; VKOR

Note: Immunogen Sequence Homology: Dog: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Pig:

93%; Horse: 93%; Guinea pig: 93%; Rat: 86%; Mouse: 86%

Protein Families: Transmembrane

Product images:



WB Suggested Anti-VKORC1 Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Brain