

Product datasheet for **TA320006**

VKORC1 Rabbit Polyclonal Antibody

Product data:

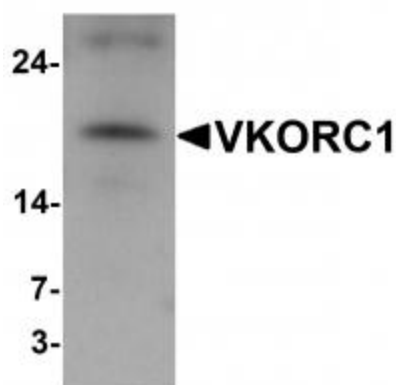
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 5 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	VKORC1 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human VKORC1.
Formulation:	VKORC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	VKORC1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	vitamin K epoxide reductase complex subunit 1
Database Link:	NP_076869 Entrez Gene 27973 Mouse Entrez Gene 79001 Human Q9BQB6
Background:	VKORC1 Antibody: Vitamin K epoxide reductase complex subunit 1 (VKORC1) is the enzyme that is responsible for reducing vitamin K 2,3-epoxide to the enzymatically activated form which is essential for blood clotting. This enzymatically activated form of vitamin K is a reduced form required for the carboxylation of glutamic acid residues in some blood-clotting proteins. Fatal bleeding can be caused by vitamin K deficiency and by the vitamin K antagonist warfarin, and it is VKORC1 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.
Synonyms:	EDTP308; MST134; MST576; VKCFD2; VKOR



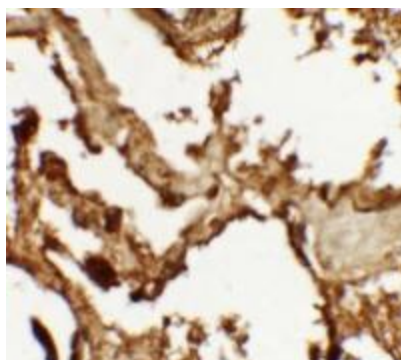
[View online »](#)

Protein Families: Transmembrane

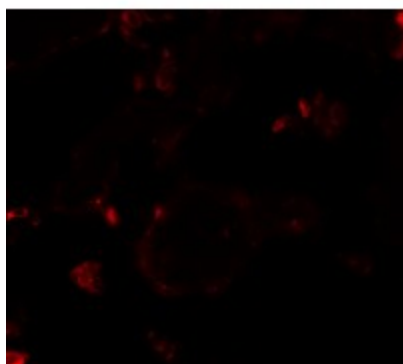
Product images:



Western blot analysis of VKORC1 in A549 cell lysate with VKORC1 antibody at 1 ug/mL.



Immunohistochemistry of VKORC1 in human lung tissue with VKORC1 antibody at 2.5 ug/mL.



Immunofluorescence of VKORC1 in human lung tissue with VKORC1 antibody at 20 ug/mL.