

Datasheet for ABIN5515449
anti-VRK3 antibody (N-Term)



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Overview

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|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | VRK3 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VRK3 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|------------------|---|
| Immunogen: | The immunogen is a synthetic peptide directed towards the N-terminal region of Human VRK3 |
| Sequence: | SDGDSSESED TLSSERSKG SGSRPPTPKS SPQKTRKSPQ VTRGSPQKTS |
| Characteristics: | This is a rabbit polyclonal antibody against VRK3. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | VRK3 |
| Alternative Name: | VRK3 (VRK3 Products) |
| Background: | This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. In both human and mouse, this gene has substitutions at several residues |

Target Details

within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. This gene is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing results in multiple transcripts encoding different isoforms.

Alias Symbols: VRK3,

Protein Interaction Partner: UBC, PLK1, CSNK2B, TWF2,

Protein Size: 474

Gene ID: 51231

UniProt: [Q8IV63](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.